

# *Project Baseline Summary Report*

Data Source: **EM CDB**

Operations/Field Office: **Rocky Flats**

Site Summary Level: **Rocky Flats Environmental Technology Site**

Project **RF014 / Industrial Zone Closure Project**

Report Number: **GEN-01b**

Print Date: **3/9/2000**

HQ ID: **0351**

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## **General Project Information**

### **Project Description Narratives**

#### **Purpose, Scope, and Technical Approach:**

Purpose: The primary focus of the Industrial Zone Closure Project is the closure of all of the buildings located within this zone. This project also provides for the safe and cost effective operation of these buildings during the interim period of time that they are needed to operate in support of the site closure mission. The need to operate each of these buildings is closely monitored. The most aggressive possible closure date is implemented for each building to ensure the lowest possible life cycle cost for each facility.

Operations of the facilities within the industrial zone will continue until such time as they can be discontinued and the facilities dismantled. The Industrial Zone consists of the majority of the facilities located south of the Protected Area and within the perimeter fence. The Industrial Zone Closure Project consists of (25) facility clusters (including the 221/223 Cluster that has already been removed), with each cluster consisting of several buildings and other structures, and (2) WBS activities for IHSS areas. The facilities in the industrial zone consist of buildings with tenants that comprise the infrastructure for the site which includes services (Fire Department, Garage, Metrology, Security, etc.), utilities (Water Plant, Steam Plant, electrical distribution, etc.), administrative services (Finance, Procurement, Payroll, etc.), and Waste Operations. As such these services are required to support the risk reduction, deactivation, decommissioning and closure activities planned over the remaining life of the plant.

Bldg. 444 was a former production facility with a mission of machining uranium and beryllium parts. Many of the facilities were built the 1950's and 1960's and contain asbestos and lead compounds. Other hazardous materials include chemical hazards associated with several facilities in the industrial zone. The Waste Operations facilities, 440, 664, 904/906, and the Process Waste Transfer System (PWTS) contain waste products such as TRU waste low-level waste, pondcrete, and old process waste lines and vaults.

Scope: The Scope of this project consists of the activities required to remove the designated facility clusters and remediate high risk IHSS areas in the Industrial Zone in accordance with the 2006 Plan. The clusters in this project are identified as follows:

- 1.1.05.01, 111 Cluster
- 1.1.05.02, 125/441 Cluster
- 1.1.05.03, 221/224 Cluster (completed)
- 1.1.05.04, 223 Cluster
- 1.1.05.05, 300/500 Cluster
- 1.1.05.06, 331 Cluster
- 1.1.05.07, 371T Cluster
- 1.1.05.08, 440 Cluster
- 1.1.05.09, 442/452 Cluster
- 1.1.05.10, 444 Cluster
- 1.1.05.11, 460 Cluster
- 1.1.05.12, 664 Cluster
- 1.1.05.13, 690T Cluster
- 1.1.05.14, 750HAZ Cluster

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## **Project Description Narratives**

- 1.1.05.15, 850 Cluster
- 1.1.05.16, 891T Cluster
- 1.1.05.17, INFSEW Cluster (Sewage Piping System only)
- 1.1.05.18, 904/906 Cluster
- 1.1.05.19, AIRMON Cluster (D&D only)
- 1.1.05.20, SECIZ (Security, Industrial Zone) Cluster
- 1.1.05.21, INFELI (Electrical distribution system) Cluster
- 1.1.05.22, INFGAS (Natural gas distribution system) Cluster
- 1.1.05.24, INFWTI (Water Plant and distribution system, Industrial Zone) Cluster
- 1.1.05.25, PWTS (Process Waste Transfer System) Cluster
- 1.1.05.26, INFRDS (Roads and grounds) Cluster
- 1.1.05.27, INFSEW Cluster (Maintenance of 208 and 209 san.sewer/storm system)
- 1.1.05.28, INFSTM (Steam plant and distribution system) Cluster
- 1.1.05.29, INFFCM (Telecommunications and distribution system) Cluster
- 1.1.05.30, Remediate/Contain Industrial Zone High Risk IHSS Cluster
- 1.1.05.31, No-Action/No-Further-Action Justification for Ind. Zone High Risk IHSS
- 1.1.05.33, Multi-Cluster Support

The closure process for each cluster consists of six separate activities:

- 1.1.05.XX.01, Cluster Landlord Functions consists of the activities to ensure that the facilities in the cluster and the immediate area around the facilities are maintained in a safe, secure, environmentally compliant, and operable status until such time as the facilities are no longer needed. In the final year(s) of landlord operations most of the landlord effort will be directed to personnel relocation (if necessary) and property disposition. Some clusters will be put in a state of "Cold Shutdown" to minimize landlord costs for the cluster.
- 1.1.05.XX.02, Hazardous Material Removal consists of removal of unattached hazardous materials from the facilities and immediate areas, such as regulated chemicals, gas cylinders, RCRA units, etc. Transition activities to D&D will also be done at this stage. Transition activities include such things as document control, disconnect utilities, drain systems, water pipes, etc. It does not include the removal of asbestos or lead containing substances which will be removed during the decommissioning stage.
- 1.1.05.XX.03, The Rocky Flats Cleanup Agreement (RFCA) defines that no deactivation activity occurs in administrative type facilities. Similar activities are performed in Hazardous Material Removal Operations as necessary.
- 1.1.05.XX.04, Decommissioning includes all the activities to physically remove the facilities in the cluster.
- 1.1.05.XX.05, Closure activities verify that the soil in the cluster area meets applicable standards.
- 1.1.05.XX.06, Remediate/Contain the high Risk IHSSs activity assures environmental restoration of the area occupied by the facilities.

IHSS areas have been broken into two categories: High and Low. High risk IHSS areas will be remediated, excavated or contained, and Low risk

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## **Project Description Narratives**

IHSS areas will undergo administrative close-out called the No-Further-Action Process. Remediation/containment of High Risk IHSS areas will typically include excavation and treatment such as thermal desorption and /or containment that could include capping or closure in place. Five High ranked IHSSs have been remediated to date. The high risks IHSSs include: Radiation Site - 800 Area, IHSS 130, North Chemical Storage Site IHSS 117.1, West Chemical Storage Site IHSS 117.2, Original Process Waste Line IHSS 121, 126.1, 126.2, 149.1, and 149.2, Radiation Site Bldg. 444 Parking Lot, IHSS 160, 6 PICs/PACs (Potential area of concern), Under-Building Contamination (3 buildings) The remaining (42) IHSSs in this cluster are No-Further-Action sites and will undergo No-Further-Action Justification to delete these IHSSs from RFCA.

Technical Approach: There is no technical development process at the Rocky Flats Environmental Technology Site to develop new ways or methodology of operating facilities, removing hazardous materials, facility deactivation, decommissioning, or closure activities. This type of work will be monitored at other facilities across the weapons complex and in private enterprise for any new technologies that may become available. The new technologies would be evaluated for use at Rocky Flats as they may apply to upgrading or reducing the cost of the baseline. It is expected that improvements will be made through a continuing effort at Rocky Flats for improvement in the processes governing work at the plantsite that could yield cost reducing efficiencies in operations and maintenance as well as D & D activities.

For purposes of planning, all IHSSs would be excavated, thermally treated, and disposed. However, each IHSS will be evaluated on a case-by-case basis and the appropriate remedial action would be implemented. In some cases, insitu treatment, containment, or another type of remedial action might be more appropriate.

### **Project Status in FY 2006:**

All work scope will have been completed with the exception of completing decommissioning and cluster closure of the Air Monitoring cluster and support to obtain final approval of the Industrial Zone CAD/ROD.

### **Post-2006 Project Scope:**

Post 2006 scope will consist of completing decommissioning and cluster closure of the Air Monitoring cluster and support to obtain final approval of the Industrial Zone CAD/ROD.

### **Project End State**

Specific end states are presented at the WAD level.

### **Cost Baseline Comments:**

Cost estimates are based on assumptions and data developed by the technical groups that have responsibility for managing the work. To the extent practical, all cost estimates are Activity-Based Costs (ABC) and tied directly to a defined and detailed work scope. The estimates are developed at the activity level and are further divided into line items. Line items represent individual resource contributions to activities and are the lowest level of input to the planning system. Once the cost estimate is developed, each activity is evaluated for cost, technical and schedule risk and the appropriate contingency is determined. Detailed estimates and the basis of estimates (BOEs) for the 2006 Closure Plan are available at the Site.

### **Safety & Health Hazards:**

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## **Project Description Narratives**

The principle hazards in the Industrial Zone Closure Project consists of uranium, beryllium, TRU waste, low-level waste, chemicals, asbestos, lead-based paint, and other standard industrial hazards. Most of these hazards will exist throughout the project and are related to characterization, hazardous material removal, deactivation, decommissioning, remediation, and demolition. These hazards will be analyzed and categorized in accordance with the RFETS Safety and Health Program infrastructure policies, manuals, and procedures.

### **Safety & Health Work Performance:**

This project will be completed within the RFETS Safety and Health Program and within the controls and authorization basis documents defined above to ensure the safety and health of the worker, public and the environment. RFETS has implemented an integrated safety management system consisting of the following elements: radiological safety, criticality safety, emergency management, fire safety, industrial hygiene, nuclear safety, occupational medicine, occupational safety, safeguards and security, safety integration, performance oversight, and standards management. RFETS provides site wide infrastructure programs for each functional area to establish consistent safety standards and support for this project. Safety and health success results from the efficient and effective implementation of these programs. This project is responsible for ensuring that the necessary elements of the safety and health programs are incorporated into the specific project plans and implementing documents, and that an appropriate Readiness Determination and Safety Evaluation Screen (SES)/Unreviewed Safety Question Determination (USQD) have been performed.

### **PBS Comments:**

The Industrial Zone is considered relatively low risk when compared to the production buildings located in the Nuclear Production Zone. The Industrial Zone consists of a large portion of the administrative and infrastructure personnel who provide support services to the production facilities. The strategy of the Ten Year Plan will be to fund risk reduction and decommissioning of the Nuclear Production Zone prior to decommissioning activities in the Industrial Zone Clusters. Priority IHSS areas include the original process waste lines which transported a variety of aqueous waste including rads and VOCs. Leaks and spills contaminated soils around the pipelines. There will be extensive planning for remediation for the IHSSs prior to actual funding of the remediation.

### **Baseline Validation Narrative:**

Although the 2006 Closure Plan has not been officially validated, it has undergone a high level review by Rocky Flats Field Office (RFFO) and Headquarter personnel. Current independent validation efforts include the following: 1) RFFO has contracted an independent firm to perform a baseline confidence review of the 2006 Closure Plan by the end of FY99, and 2) the Office of Field Management (FM) has contracted a big-five accounting firm to validate the 2006 Closure Plan.

In addition to the 2006 Closure Plan validation efforts, results/recommendations from several previous baseline validation efforts were used in the development of the 2006 Closure Plan. These validations included: 1) The U.S. Army Corps of Engineers (USACE) performed a validation of the Rocky Flats Ten Year Plan in FY97/FY98, 2) Kaiser-Hill contracted Price Waterhouse Coopers, LLP to conduct an independent validation effort of the 2010 Closure Project Baseline that concluded in May of FY99, and 3) Kaiser-Hill engaged Arthur Andersen, LLP to conduct a schedule and cost risk review of the 2010 Closure Project Baseline.

## **General PBS Information**

**Project Validated?**

**Date Validated:**

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## General PBS Information

Has Headquarters reviewed and approved project? No

Date Project was Added: 12/1/1997

Baseline Submission Date:

FEDPLAN Project? Yes

Drivers:	CERCLA	RCRA	DNFSB	AEA	UMTRCA	State	DOE Orders	Other
	Y	Y	N	N	N	Y	Y	Y

## Project Identification Information

DOE Project Manager: Jessie Roberson

DOE Project Manager Phone Number: 303-966-2263

DOE Project Manager Fax Number: 303-966-4775

DOE Project Manager e-mail address: ten.year.plan@rfets.gov

Is this a High Visibility Project (Y/N):

## Planning Section

### Baseline Costs (in thousands of dollars)

	1997-2006 Total	2007-2070 Total	1997-2070 Total	1997	Actual 1997	1998	Actual 1998	1999	2000	2001	2002	2003	2004	2005	2006
PBS Baseline (current year dollars)	451,245	62	451,307	26,775	26,775	20,576	20,576	17,342	15,703	30,761	31,063	49,485	59,658	124,317	75,565
PBS Baseline (constant 1999 dollars)	411,116	52	411,168	26,775	26,775	20,576	20,576	17,342	15,290	29,336	29,015	45,272	53,456	109,102	64,952
PBS EM Baseline (current year dollars)	451,245	62	451,307	26,775	26,775	20,576	20,576	17,342	15,703	30,761	31,063	49,485	59,658	124,317	75,565
PBS EM Baseline (constant 1999 dollars)	411,116	52	411,168	26,775	26,775	20,576	20,576	17,342	15,290	29,336	29,015	45,272	53,456	109,102	64,952

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	2007	2008	2009	2010	2011- 2015	2016- 2020	2021- 2025	2026- 2030	2031- 2035	2036- 2040	2041- 2045	2046- 2050	2051- 2055	2056- 2060	2061- 2065	2066- 2070
PBS Baseline (current year dollars)	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PBS Baseline (constant 1999 dollars)	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PBS EM Baseline (current year dollars)	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PBS EM Baseline (constant 1999 dollars)	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

## Baseline Escalation Rates

1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
0.00%	0.00%	0.00%	2.70%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%
2010	2011-2015	2016-2020	2021-2025	2026-2030	2031-2035	2036-2040	2041-2045	2046-2050	2051-2055	2056-2060	2061-2065	2066-2070
2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%

## Project Reconciliation

### Project Completion Date Changes:

Previously Projected End Date of Project: 9/1/2009

Current Projected End Date of Project: 12/27/2006

Explanation of Project Completion Date Difference (if applicable):

Scope Deletion

Efficiencies

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## Project Reconciliation

### New Scope

New Landlord scope includes services such as Nuclear Safety, Radiological Engineering, Laundry, Facility Management Overhead Support, etc. that were transferred into this PBS from other PBSs.

RFEO directed K-H to create a Site Safety Analysis Report per DOE Orders 460.1 and 460.2 to allow the deletion of the Master Activity List.

### Cost Growth

The costs have been revised to be consistent with the Facility Disposition Cost Model that was developed to improve the basis and accuracy of the out year decommissioning cost estimates. This model is based on actual decommissioning costs incurred at Rocky Flats and actual cost data or bottom up estimates from other government and commercial facilities.

### Science & Technology

### Other

The scope of work and end state conditions for the 2006 Plan are similar to the current 2010 Baseline, with a four-year acceleration and a reduction in cost being the two most significant differences. The bottom-up estimate for the 2006 Plan is a \$1.65 billion improvement over the comparable activity-based bottoms-up detail estimate for 2010.

To close the Site four years earlier than the current 2010 Baseline requires a strategically different approach. The two key principles followed in preparing the 2006 Baseline were: 1) safely reducing the urgent risks first, and 2) performing work in a sequence that reduces or eliminates operations, maintenance and security costs (often referred to as - mortgage costs) as early as possible. Key to the 2006 Baseline approach is early closure of the secured Protected Area. Closing the Protected Area as soon as possible means that the high security and maintenance costs for this area can be redeployed to accelerate other closure activities. In addition, D&D and SNM risk reduction activities will be performed simultaneously rather than sequentially, supporting both the risk reduction and mortgage reduction principles. The D&D of non- and lower-contaminated facilities and most environmental remediation work will be deferred until later in the project to allow resources to be focused in the areas that result in the greatest reduction in risks and mortgage costs.

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## Project Cost Estimates (in thousands of dollars)

Previously Estimated Lifecycle Cost (1997 - 2070, 1998 Dollars):	289,304	Actual 1997 Cost:	26,775	Actual 1998 Cost:	20,576
Previously Estimated Lifecycle Cost of Project (1999 - 2070, 1998 Dollars):	241,953	Inflation Adjustment (2.7% to convert 1998 to 1999 dollars):			6,533
Previously Estimated Lifecycle Cost (1999 - 2070, 1999 Dollars):	248,486				

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## Project Cost Changes

Cost Adjustments	Reconciliation Narratives
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Cost Change Due to Scope Deletions (-):

Cost Reductions Due to Efficiencies (-):

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## Project Reconciliation

**Cost Associated with New Scope (+):** 73,341 Rebaselining due to acceleration. New scope dollar estimate is not of audit quality.

**Cost Growth Associated with Scope Previously Reported (+):**

**Cost Reductions Due to Science & Technology Efficiencies (-):**

**Subtotal:** 321,827

**Additional Amount to Reconcile (+):** 41,990

**Current Estimated Lifecycle Cost (1999 - 2070, 1999 Dollars):** 363,817

## Milestones

Milestone/Activity	Field Milestone Code	Original Date	Baseline Date	Legal Date	Forecast Date	Actual Date	EA	DNFSB	Mgmt. Commit.	Key Decision	Intersite
FY99-M7 Develop Comprehensive Remediation Plan	RF-0234		9/30/1999	9/30/1999	9/30/1999		Y				
FY98-M8 Complete Work Described in PAM B123/123S	RF-0239		9/28/1998	9/28/1998	9/28/1998		Y				
FY00-M4 Cmpl Remediation Bowman's Pond	RF-0240		1/14/2005	1/14/2005	1/14/2005		Y				
Complete 444 Cluster IHSS/UBC Remediation	RF-0437		3/23/2006		3/23/2006						
Complete 460 Cluster Demo	RF-0451		3/31/2006		3/31/2006						
Comp 444 Cluster Demo	RF-0455		9/30/2005		9/30/2005						
Complete INFSEW Cluster Demo	RF-0515		2/28/2006		2/28/2006						
Complete 331 Cluster Demo	RF-0516		9/30/2005		9/30/2005						
Existing Sewer Shutdown Complete	RF-0523		9/30/2005		9/30/2005						
B664 Demolition Complete	RF-0583		2/28/2005		2/28/2005						
904/906 Cluster Demolition Complete	RF-0586		9/30/2005		9/30/2005						
Draft Industrial Area ROD Prepared	RF-0623		11/30/2006		11/30/2006						
Complete PBD 014 - Industrial Zone Closure Proj	RF-OTHE-14		12/27/2006		12/27/2006					Y	
PBD 014 Project Start			10/1/1997								

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## Milestones - Part II

Milestone/Activity	Field Milestone Code	Critical Decision	Critical Closure Path	Project Start	Project End	Mission Complete	Tech Risk	Work Scope Risk	Intersite Risk	Cancelled	Milestone Description
FY99-M7 Develop Comprehensive Remediation Plan	RF-0234										Rocky Flats Clean-up Agreement ( RFCAs ) Milestones
FY98-M8 Complete Work Described in PAM B123/123S	RF-0239										Rocky Flats Clean-up Agreement ( RFCAs ) Milestones
FY00-M4 Cmpl Remediation Bowman's Pond	RF-0240										Rocky Flats Clean-up Agreement ( RFCAs ) Milestones
Complete 444 Cluster IHSS/UBC Remediation	RF-0437	Y									Kaiser Hill Internal ( KHIs ) Milestones
Complete 460 Cluster Demo	RF-0451	Y									Kaiser Hill Internal ( KHIs ) Milestones
Comp 444 Cluster Demo	RF-0455	Y									Kaiser Hill Internal ( KHIs ) Milestones
Complete INFSEW Cluster Demo	RF-0515	Y									Kaiser Hill Internal ( KHIs ) Milestones
Complete 331 Cluster Demo	RF-0516	Y									Kaiser Hill Internal ( KHIs ) Milestones
Existing Sewer Shutdown Complete	RF-0523	Y									Kaiser Hill Internal ( KHIs ) Milestones
B664 Demolition Complete	RF-0583	Y									Kaiser Hill Internal ( KHIs ) Milestones
904/906 Cluster Demolition Complete	RF-0586	Y									Kaiser Hill Internal ( KHIs ) Milestones
Draft Industrial Area ROD Prepared	RF-0623									Y	Kaiser Hill Internal ( KHIs ) Milestones
Complete PBD 014 - Industrial Zone Closure Proj	RF-OTHE-14				Y	Y					Kaiser Hill Internal ( KHIs ) Milestones
PBD 014 Project Start				Y							PBD 014 Project Start

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## Performance Measure Metrics

Category/Subcategory	Units	1997-2006 Total	2007-2070 Total	1997-2070 Total	Actual Pre-1997	Planned 1997	Actual 1997	Planned 1998	Planned 1999	Planned 2000	Planned 2001	Planned 2002	Planned 2003	Planned 2004
<b>RS</b>														
Assess.	NR	88.00	0.00	88.00	49.00	15.00	15.00	4.00				1.00	8.00	34.00
<b>RS</b>														
Cleanup	NR	86.00	0.00	86.00	66.00	13.00	13.00	4.00					6.00	7.00
<b>Fac.</b>														
Decom.- Assess.	NF	311.00	0.00	311.00				2.00	8.00					168.00
<b>Fac.</b>														
Decom- Cleanup	NF	335.00	0.00	335.00	13.00	16.00	16.00	10.00			1.00			
<b>Tech.</b>														
Deployed	Ntd	2.00	0.00	2.00						2.00				
Category/Subcategory	Units	Planned 2004	Planned 2005	Planned 2006	Planned 2007	Planned 2008	Planned 2009	Planned 2010	Planned 2011 - 2015	Planned 2016 - 2020	Planned 2021 - 2025	Planned 2026 - 2030	Planned 2031 - 2035	
<b>RS</b>														
Assess.	NR	34.00	22.00	4.00										
<b>RS</b>														
Cleanup	NR	7.00	15.00	41.00										
<b>Fac.</b>														
Decom.- Assess.	NF	168.00	133.00											
<b>Fac.</b>														
Decom- Cleanup	NF		175.00	133.00										
<b>Tech.</b>														
Deployed	Ntd													

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Category/Subcategory	Units	Planned 2036 - 2040	Planned 2041 - 2045	Planned 2046 - 2050	Planned 2051 - 2055	Planned 2056 - 2060	Planned 2061 - 2035	Planned 2066 - 2070	Exceptions	Lifecycle Total
<b>RS</b>										
Assess.	NR								19.00	156.00
<b>RS</b>										
Cleanup	NR								4.00	156.00
<b>Fac.</b>										
Decom.- Assess.	NF								43.00	348.00
<b>Fac.</b>										
Decom- Cleanup	NF									348.00
<b>Tech.</b>										
Deployed	Ntd									2.00

## Release Sites

Site Code	RSF ID	Change Flag	Description	Class/Subclass Name	Planned Assess. Year	Forecast Assess. Year	Actual Assess. Date	Planned Comp. Year	Forecast Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
RFTS	0176		IHSS 193 \ Steam Condensate Leak	Spills and Leaks/Surface Spills	1994		10/31/1994	1994		10/31/1994		Y	Approved	N
RFTS	0927		PAC 300-702 \ Pesticide Shed	/	2003			2003				Y	Approved	
RFTS	3001		PAC 100-608 \ Building 131 Transformer Leak	/	1998		9/30/1998	1998		9/30/1998		Y	Approved	
RFTS	3002		PAC 400-800 \ Transformer 443-1	/	1998		9/30/1998	1998		9/30/1998		N	Approved	
RFTS	3037		IHSS 116.1 \ W. Loading Dock B447	/	2004			2006				N		
RFTS	3038		IHSS 116.2 \ S. Loading Dock B 444	/	2004			2004				Y	Approved	
RFTS	3039		IHSS 117.1 \ N. Chem. Storage Site	/	2004			2004				Y	Approved	
RFTS	3040		IHSS 117.2 \ M. Chem. Storage Site	/	2002			2004				N		
RFTS	3041		IHSS 117.3 \ S. Chem. Storage Site	/	1997		9/30/1997	1997		9/30/1997		Y	Approved	

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Operations/Field Office: **Rocky Flats**

Print Date: **3/9/2000**

Site Summary Level: **Rocky Flats Environmental Technology Site**

HQ ID: **0351**

Project **RF014 / Industrial Zone Closure Project**

## Release Sites

Site Code	RSF ID	Change Flag	Description	Class/Subclass Name	Planned Assess. Year	Forecast Assess. Year	Actual Assess. Date	Planned Comp. Year	Forecast Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
RFTS	3046		IHSS 120.1 \ Fiberglass Area N B664	/	2005			2005				Y	Approved	
RFTS	3047		IHSS 120.2 \ Fiberglass Area W B664	/	2004			2004				Y	Approved	
RFTS	3048		IHSS 121 \ OPWL	/	2005			2006				N		
RFTS	3049		IHSS 122 \ Underground Conc. Tks.	/	1996		9/30/1996	1996		9/30/1996		N	Approved	
RFTS	3050		IHSS 123.2 \ Valve Vault W. of 707	/	2005			2006				N		
RFTS	3057		IHSS 127 \ Low Level Rad Waste Leak	/	2005			2005				Y	Approved	
RFTS	3058		IHSS 128 \ Oil Burn Pit #1	/	2004			2006				N		
RFTS	3059		IHSS 129 \ Oil Leak E of B443	/	1996		9/30/1996	1996		9/30/1996		N	Approved	
RFTS	3060		IHSS 130 \ Rad Site - 800 Area	/	1997		9/30/1997	1997		3/12/1997		Y	Approved	
RFTS	3067		IHSS 134(N) \ Lithium Metal Site	/	2004			2006				N		
RFTS	3068		IHSS 134(S) \ Lithium Metal Destruction Site	/	2005			2006				Y	Approved	
RFTS	3069		IHSS 135 \ B373 CT Blowdown	/	1997		9/30/1997	1997		9/30/1997		Y	Approved	
RFTS	3070		IHSS 136.1 \ Cooling Tower Pond W of B444	/	2004			2006				N		
RFTS	3071		IHSS 136.2 \ Cooling Tower Pond E. B444	/	2004			2006				N		
RFTS	3078		IHSS 141 \ Sludge Disposal Area	/	1997		9/30/1997	1997		9/30/1997		Y	Approved	
RFTS	3091		IHSS 143 \ Old Outfall -B771	/	2004			2005				N		
RFTS	3101		IHSS 147.1 \ MAAS Area	/	2005			2005				Y	Approved	
RFTS	3102		IHSS 147.2 \ B881 Conversion Act.	/	1997		9/30/1997	1997		9/30/2009		Y	Approved	
RFTS	3103		IHSS 148 \ Waste Leaks	/	2004			2006				N		
RFTS	3114		IHSS 151 \ Fuel Oil Leak Tk. 262	/	1997		9/30/1997	1997		9/30/1997		Y	Approved	
RFTS	3115		IHSS 152 \ Fuel Oil Tank B452	/	1997		9/30/1997	1997		9/30/1997		Y	Approved	
RFTS	3116		IHSS 156.1 \ Rad Site	/	1997		9/30/1997	1997		9/30/1997		Y	Approved	

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Site Summary Level: **Rocky Flats Environmental Technology Site**

HQ ID: **0351**

Project **RF014 / Industrial Zone Closure Project**

## Release Sites

Site Code	RSF ID	Change Flag	Description	Class/Subclass Name	Planned Assess. Year	Forecast Assess. Year	Actual Assess. Date	Planned Comp. Year	Forecast Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
RFTS	3118		IHSS 157.1 \ Rad Site N	/	2005			2005				Y	Approved	
RFTS	3119		IHSS 157.2 \ Rad Site S	/	2005			2006				N		
RFTS	3120		IHSS 158 \ Rad Site B551	/	2006			2006				Y	Approved	
RFTS	3122		IHSS 160 \ Rad Site B444 Parking Lot	/	2004			2006				N		
RFTS	3123		IHSS 161 \ Rad Site W of B664	/	2004			2004				Y	Approved	
RFTS	3124		IHSS 162 \ Rad Site 700 Area	/	2005			2005				Y	Approved	
RFTS	3127		IHSS 164.1 \ Rad Site #2 800 Area	/	1997		9/30/1997	1997		9/30/1997		Y	Approved	
RFTS	3129		IHSS 164.3 \ Rad Site #2 800 Area, Bldg 887 Pad	/	2004			2004				Y	Approved	
RFTS	3136		IHSS 169 \ Hydrogen Peroxide Drum Burial Waste	/	1998		9/30/1998	1998		9/30/1998		Y	Approved	
RFTS	3137		IHSS 171 \ Fire Training	/	2004			2006				N		
RFTS	3138		IHSS 172 \ Central Ave. Spill	/	1998		9/30/1998	1998		9/30/1998		Y	Approved	
RFTS	3140		IHSS 175 \ S&W B980 Cont. Storage	/	2003			2003				Y	Approved	
RFTS	3143		IHSS 178 \ B 881 Drum Storage	/	1995			1995		10/1/1995		Y	Approved	
RFTS	3144		IHSS 179 \ B865 Drum Storage	/	1995			1995		10/1/1995		Y	Approved	
RFTS	3145		IHSS 180 \ B883 Drum Storage	/	1995			1995		10/1/1995		Y	Approved	
RFTS	3146		IHSS 181 \ B334 Cargo Container Area	/	1997		9/30/1997	1997				Y	Approved	
RFTS	3147		IHSS 182 \ 444/453 Drum Stor.	/	2004			2006				N		
RFTS	3150		IHSS 186 \ Valve Vaults 11.12.13	/	2004			2006				N		
RFTS	3151		IHSS 187 \ Sulphuric Acid Spill B443	/	2005			2005				Y	Approved	
RFTS	3153		IHSS 189 \ Nitric Acid Tanks	/	1997		9/30/1997	1997		9/30/1997		Y	Approved	
RFTS	3154		IHSS 190 \ Caustic Leak	/	2004			2004				Y	Approved	

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Site Summary Level: **Rocky Flats Environmental Technology Site**

HQ ID: **0351**

Project **RF014 / Industrial Zone Closure Project**

## Release Sites

Site Code	RSF ID	Change Flag	Description	Class/Subclass Name	Planned Assess. Year	Forecast Assess. Year	Actual Assess. Date	Planned Comp. Year	Forecast Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
RFTS	3155		IHSS 191 \ Hydrogen Perox. Leak	/	1997		9/30/1997	1997		9/30/1997		Y	Approved	
RFTS	3157		IHSS 197 \ Scrap Metal Stor.	/	2004			2006				N		
RFTS	3162		IHSS 204 \ Uranium Chip Roaster	/	1995			1995		10/1/1995		Y	Approved	
RFTS	3163		IHSS 205 \ Sump #3 Acid Site (SE of B460)	/	2005			2006				N		
RFTS	3165		IHSS 207 \ Inactive B444 Acid Dumpster	/	2004			2006				N		
RFTS	3166		IHSS 208 \ Inactive 444/447 Wst Str	/	2004			2006				N		
RFTS	3169		IHSS 211 \ B881 Drum Storage	/	1995			1995		10/1/1995		Y	Approved	
RFTS	3171		IHSS 213 \ 904 Pad, Pondcrete Stor.	/	2006			2006				Y	Approved	
RFTS	3177		IHSS 217 \ B881 Cyanide Trt.	/	1995			1995		10/1/1995		Y	Approved	
RFTS	3178		PAC 000-500 \ Sanitary Sewer System	/	2004			2005				N		
RFTS	3180		PAC 000-503 \ Solar Pond Water Spill Along Central Ave	/	1994		9/30/1994	1994		9/30/1994		Y	Approved	
RFTS	3181		PAC 100-600 \ Mercury Spill - Valve Vault 124-B B124	/	1992		9/30/1992	1992		9/30/1992		Y	Approved	
RFTS	3182		PAC 100-601 \ Building 123 Phosphoric Acid Spill	/	1992		9/30/1992	1992		9/30/1992		Y	Approved	
RFTS	3183		PAC 100-602 \ Building 123 Process Waste Line Break	/	2005			2006				N		
RFTS	3184		PAC 100-603 \ Building 123 Bioassay Waste Spill	/	2004			2006				N		
RFTS	3185		PAC 100-604 \ T-130 Complex Sewer Line Leaks	/	1992		9/30/1992	1992		9/30/1992		Y	Approved	
RFTS	3186		PAC 100-605 \ Building 115 Hydraulic Oil Spill	/	1992		9/30/1992	1992		9/30/1992		Y	Approved	
RFTS	3187		PAC 100-606 \ Building 125 TCE Spill	/	1992		9/30/1992	1992		9/30/1992		Y	Approved	

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Site Summary Level: **Rocky Flats Environmental Technology Site**

HQ ID: **0351**

Project **RF014 / Industrial Zone Closure Project**

## Release Sites

Site Code	RSF ID	Change Flag	Description	Class/Subclass Name	Planned Assess. Year	Forecast Assess. Year	Actual Assess. Date	Planned Comp. Year	Forecast Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
RFTS	3188		PAC 100-607 \ Building 111 Transformer PCB Leak	/	2006			2006				Y	Approved	
RFTS	3189		PAC 100-609 \ Building 121 Security Incinerator	/	2003			2003				Y	Approved	
RFTS	3190		PAC 100-610 \ Asbestos Release - Building 123	/	1992		9/30/1992	1992		9/30/1992		Y	Approved	
RFTS	3191		PAC 100-611 \ Building 123 Scrubbber Solution Spill	/	2004			2006				N		
RFTS	3192		PAC 100-612 \ Battery Solution Spill - Building 119	/	1992		9/30/1992	1992		9/30/1992		Y	Approved	
RFTS	3193		PAC 100-613 \ Asphalt Surface in Lay Down N Bldg 130 (formerly 000-501)	/	1994		9/30/1994	1994		9/30/1994		Y	Approved	
RFTS	3194		PAC 300-700 \ Scrap Roofing Disposal	/	1992		9/30/1992	1992		9/30/1992		Y	Approved	
RFTS	3195		PAC 300-701 \ Sulfuric Acid Spill, Bldg 371	/	1992		9/30/1992	1992		9/30/1992		Y	Approved	
RFTS	3196		PAC 300-703 \ Building 331 North Area	/	1992		9/30/1992	1992		9/30/1992		Y	Approved	
RFTS	3197		PAC 300-704 \ Roof Fire, Bldg 381	/	1992		9/30/1992	1992		9/30/1992		Y	Approved	
RFTS	3198		PAC 300-705 \ Potassium Hydroxide Spill N. of Bldg 374	/	1992		9/30/1992	1992		9/30/1992		Y	Approved	
RFTS	3199		PAC 300-706 \ Evaporator Tanks N. of Bldg 374	/	1992		9/30/1992	1992		9/30/1992		Y	Approved	
RFTS	3200		PAC 300-707 \ Sanitizer Spill	/	1992		9/30/1992	1992		9/30/1992		Y	Approved	
RFTS	3201		PAC 300-708 \ Transformer N of B371	/	1996			1996		9/30/1996		N	Approved	
RFTS	3202		PAC 300-709 \ Transformer Leak 334-1	/	1996			1996				N	Approved	
RFTS	3203		PAC 300-710 \ Gasoline Spill North of Building 331	/	1992		9/30/1992	1992		9/30/1992		Y	Approved	
RFTS	3204		PAC 300-711 \ Ni-Cad Battery Spil Outside	/	1994		9/30/1994	1994		9/30/1994		Y	Approved	

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Operations/Field Office: **Rocky Flats**

Print Date: **3/9/2000**

Site Summary Level: **Rocky Flats Environmental Technology Site**

HQ ID: **0351**

Project **RF014 / Industrial Zone Closure Project**

## Release Sites

Site Code	RSF ID	Change Flag	Description	Class/Subclass Name	Planned Assess. Year	Forecast Assess. Year	Actual Assess. Date	Planned Comp. Year	Forecast Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
			Bldg 373											
RFTS	3205		PAC 300-712 \ 1/2 g Antifreeze Spill Outside Bldg 373	/	1994		9/30/1994	1994		9/30/1994		Y	Approved	
RFTS	3206		PAC 300-713 \ Caustic Spill N of Bldg 331	/	1994		9/30/1994	1994		9/30/1994		Y	Approved	
RFTS	3207		PAC 300-714 \ Laundry Waste Water Spill N of Bldg 374	/	1995		9/30/1995	1995		9/30/1995		Y	Approved	
RFTS	3208		PAC 300-715 \ Battery Acid Spill	/	1997		9/30/1997	1997		9/30/1997		Y	Approved	
RFTS	3209		PAC 400-801 \ Transformer, Roof of Building 447	/	2004			2006				N		
RFTS	3210		PAC 400-802 \ Storage Shed B334	/	2006			2006				Y	Approved	
RFTS	3211		PAC 400-803 \ Misc Dumping, Building 460 Storm Drain	/	2003			2006				N		
RFTS	3212		PAC 400-804 \ Road North of Building 460	/	2003			2006				N		
RFTS	3213		PAC 400-805 \ Building 43 Tank #9 Leak	/	1992		9/30/1992	1992		9/30/1992		Y	Approved	
RFTS	3214		PAC 400-806 \ Catalyst Spill, Building 440	/	1992		9/30/1992	1992		9/30/1992		Y	Approved	
RFTS	3215		PAC 400-807 \ Sandblasting Area	/	2004			2006				N		
RFTS	3216		PAC 400-808 \ Vacuum Pump Leak, Building 442	/	1992		9/30/1992	1992		9/30/1992		Y	Approved	
RFTS	3217		PAC 400-809 \ Oil Leak - 446 Guard Post	/	1992		9/30/1992	1992		9/30/1992		Y	Approved	
RFTS	3218		PAC 400-810 \ Beryllium Fire - Bldg 444	/	2004			2006				N		
RFTS	3219		PAC 400-811 \ Transformer 443-2, Bldg 443	/	1998			1998		9/30/1993		N	Approved	
RFTS	3220		PAC 400-812 \ Tank T-2 Spill I Building 460	/	1994		9/30/1994	1994		9/30/1994		Y	Approved	
RFTS	3221		PAC 400-813 \ RCRA Tank Leak in Bldg 460	/	2005			2005				Y	Approved	
RFTS	3222		PAC 400-814 \ A/C Compressor Release, Bldg 444 Roof	/	1994		9/30/1994	1994		9/30/1994		Y	Approved	

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Site Summary Level: **Rocky Flats Environmental Technology Site**

HQ ID: **0351**

Project **RF014 / Industrial Zone Closure Project**

## Release Sites

Site Code	RSF ID	Change Flag	Description	Class/Subclass Name	Planned Assess. Year	Forecast Assess. Year	Actual Assess. Date	Planned Comp. Year	Forecast Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
RFTS	3223		PAC 400-815 \ RCRA Tank Leak in Bldg 460	/	2005			2005				Y	Approved	
RFTS	3224		PAC 500-900 \ Transformer Leak 515/516	/	1996			1996		9/30/1996		N	Approved	
RFTS	3225		PAC 500-901 / 905 \ Transformer Leak 555/558	/	1996			1996		9/30/1996		N	Approved	
RFTS	3226		PAC 500-902 \ Transformer Leak 559	/	1996			1996		9/30/1996		N	Approved	
RFTS	3227		PAC 500-903 \ RCRA Storage Unit #1	/	1992		9/30/1992	1992		9/30/1992		Y	Approved	
RFTS	3228		PAC 500-904 \ Transformer Leak - 558-1	/	2004			2005				N		
RFTS	3231		PAC 500-908 \ IHSS 156.1, 186	/	1995		9/30/1995	1995		9/30/1995		Y	Approved	
RFTS	3232		PAC 500-909 \ Spent Photo Fixer Solution Release (IHSS 158)	/	1996		9/30/1996	1996		9/30/1996		Y	Approved	
RFTS	3233		PAC 600-1000 \ Transformer Storage B662	/	1996			1996		9/30/1996		N	Approved	
RFTS	3234		PAC 600-1001 \ Temp. Waste Stor B663	/	2005			2006				N		
RFTS	3235		PAC 600-1002 \ Transformer Storage W B666	/	1996		9/30/1996	1996		9/30/1996		Y	Approved	
RFTS	3236		PAC 600-1003 \ Transformers N & S 661/675	/	1996			1996		9/30/1996		N	Approved	
RFTS	3237		PAC 600-1004 \	/	2003			2003				Y	Approved	
RFTS	3238		PAC 600-1005 \ Former Pesticide Storage Area	/	2003			2003				Y	Approved	
RFTS	3241		PAC 700-1102 \ Transformer Leak - 776-4	/	1997			1997		9/30/1996		N	Approved	
RFTS	3242		PAC 700-1103 \ Transformer Leak B707	/	1996			1996		9/30/1996		N	Approved	
RFTS	3243		PAC 700-1104 \ Transformer Leak B708 (formerly identified as 400-820)	/	1996			1996		9/30/1996		N	Approved	
RFTS	3249		PAC 700-1111 \ Transformer Leak B750	/	1996			1996		9/30/1996		N	Approved	
RFTS	3250		PAC 700-1112 \ Transformer Leak B776-5	/	1996		9/30/1996	1996		9/30/1996		Y	Approved	
RFTS	3251		PAC 700-1113 \ IHSS 101	/	1995		9/30/1995	1995		9/30/1995		Y	Approved	

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Site Summary Level: **Rocky Flats Environmental Technology Site**

HQ ID: **0351**

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## Release Sites

Site Code	RSF ID	Change Flag	Description	Class/Subclass Name	Planned Assess. Year	Forecast Assess. Year	Actual Assess. Date	Planned Comp. Year	Forecast Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
RFTS	3252		PAC 700-1114a \ Release During Liquid Transfer Oper Bldg 774	/	1997		9/30/1997	1997		9/30/1997		Y	Approved	
RFTS	3253		PAC 700-1114b \ Release During Liquid Transfer Oper Bldg 774	/	1997		9/30/1997	1997		9/30/1997		Y	Approved	
RFTS	3258		PAC 800-1202 \ Sulfuric Acid Spill, Bldg 883	/	1992		9/30/1992	1992		9/30/1992		Y	Approved	
RFTS	3259		PAC 800-1203 \ Sanitary Sewer Line Brk Btwn Bldg 865/866	/	1992		9/30/1992	1992		9/30/1992		Y	Approved	
RFTS	3262		PAC 800-1206 \ Fire, Bldg 883	/	1992		9/30/1992	1992		9/30/1992		Y	Approved	
RFTS	3263		PAC 800-1207 \ Transformer Leak 883-4	/	1996			1996		9/30/1996		N	Approved	
RFTS	3264		PAC 800-1208 \ Transformer Leak 881-4	/	1996		9/30/1996	1996		9/30/1996		Y	Approved	
RFTS	3265		PAC 800-1209 \ Transformer Leak 800 area	/	1996		9/30/1996	1996		9/30/1996		Y	Approved	
RFTS	3266		PAC 800-1210 \ Transformers 865-1 & 865-2	/	1996		9/30/1996	1996		9/30/1996		Y	Approved	
RFTS	3267		PAC 800-1211 \ Capacitor Leak, Bldg 883	/	1992		9/30/1992	1992				Y	Approved	
RFTS	3269		PAC 900-1300 \ RO Plant Sludge Drying beds	/	1992		9/30/1992	1992		9/30/1992		Y	Approved	
RFTS	3271		PAC 900-1302 \ Gasoline Spill	/	1992		9/30/1992	1992		9/30/1992		Y	Approved	
RFTS	3272		PAC 900-1303 \ Natural Gas Leak	/	1992		9/30/1992	1992		9/30/1992		Y	Approved	
RFTS	3275		PAC 900-1306 \ Transformers 991-1 & 991-2	/	1996		9/30/1996	1996		9/30/1996		Y	Approved	
RFTS	3277		PAC 900-1308 \ Gasoline Spill Outside of Bldg 980	/	2003			2003				Y	Approved	
RFTS	3283		PAC 900-1315 \ Tanker Trk Release on E Patrol Rd, N of Spuce	/	1995		9/30/1995	1995		9/30/1995		Y	Approved	
RFTS	3285		PAC 900-1317 \ Soil from crate in 964 Laydown Yard	/	1995		9/30/1995	1995		9/30/1995		Y	Approved	
RFTS	3311		PAC T-2 \	/	2005			2005				Y	Approved	
RFTS	3312		PAC T-3 \	/	2005			2005				Y	Approved	

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HQ ID: **0351**

## Release Sites

Site Code	RSF ID	Change Flag	Description	Class/Subclass Name	Planned Assess. Year	Forecast Assess. Year	Actual Assess. Date	Planned Comp. Year	Forecast Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
RFTS	3313		PAC T-40 \	/	2004			2005				N		
RFTS	3377		UBC B122 \	/	2005			2006				N		
RFTS	3378		UBC B123 \	/	2004			2006				N		
RFTS	3379		UBC B125 \	/	2005			2006				N		
RFTS	3380		UBC B331 \	/	2005			2006				Y	Approved	
RFTS	3383		UBC B439 \	/	2004			2006				N		
RFTS	3384		UBC B440 \	/	2004			2006				N		
RFTS	3385		UBC B441 \	/	2005			2006				N		
RFTS	3386		UBC B442 \	/	2005			2006				N		
RFTS	3387		UBC B444 \	/	2004			2006				N		
RFTS	3388		UBC B447 \	/	2004			2006				N		
RFTS	3406		UBC B889 \	/	2004			2005				N		

## Facility Decommissioning

Site Code	RSF ID	Change Flag	Description	Class/Subclass	Hazard	Plan. Assess. Year	Fore. Assess. Year	Actual Assess. Date	Plan. Deac. Year	Fore. Deac. Year	Actual Deac. Date	Plan. Comp. Year	Fore. Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
RFTS	0004		100 \ Guard Post	\		1995						1995		9/30/1995		N		
RFTS	0005		111B \ GUARD POST, CLOSED (NW of T111A)	\		2005						2006				N		
RFTS	0006		119H \ *HELIPORT	\		2005						2006				N		
RFTS	0008		133 \ 130 Guard Post	\		1995						1995		9/30/1995		N		
RFTS	0009		201 \ *RAILROADS	\		2005						2006				N		
RFTS	0010		202 \ *ROADS	\		2005						2006				N		

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Report Number: **GEN-01b**

Print Date: **3/9/2000**

HQ ID: **0351**

## Facility Decommissioning

Site Code	RSF ID	Change Flag	Description	Class/Subclass	Hazard	Plan. Assess. Year	Fore. Assess. Year	Actual Assess. Date	Plan. Deac. Year	Fore. Deac. Year	Actual Deac. Date	Plan. Comp. Year	Fore. Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
RFTS	0011		203 \ *CATTLE & LIMITED AREA FENCES	\		2005						2006				N		
RFTS	0012		204 \ *WALKWAYS	\		2005						2006				N		
RFTS	0013		205 \ *PARKING AREAS & ACCESS ROADS	\		2005						2006				N		
RFTS	0025		218 \ Nitric Acid Farm	\		1996						1996		9/30/1996		N		
RFTS	0027		221 \ Central Fuel Oil Storage Tk 840,000 gal	\		1996						1996		9/30/1996		N		
RFTS	0031		224 \ Central Fuel Oil Storage Tk 1,900,000 gal	\		1996						1996		9/30/1996		N		
RFTS	0038		304 \ FIRE PATROL CROSSINGS	\		2005						2006				N		
RFTS	0039		446 \ Guard Post	\		1996						1996		9/30/1996		N		
RFTS	0040		449A \ RMRS MAINTENANCE ANNEX (NE of 439)	\		2004						2005				N		
RFTS	0042		449C \ MAINTENANCE CARPENTER SHOP (NE of 439)	\		2004						2005				N		
RFTS	0043		461 \ Guard Post	\		1996						1996		9/30/1996		N		
RFTS	0074		900 \ Guard Post East Gate	\		1995						1995		9/30/1995		N		
RFTS	0077		902PAD \ SLUDGE STORAGE \ PAD	\		2004						2005				N		
RFTS	0078		903A1 \ SUPPORT BLDG ADJACENT TO ER DECONTAMATION PAD	\		2004						2005				N		
RFTS	0079		903A2 \ ER	\		2004						2005				N		

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			DECONTAMINATION PADSTORAGE (W of 903A)															
RFTS	0080		903PAD \ CONTAMINATION \ BARRIER/PAD			2004						2005				N		
RFTS	0081		904P \ PROPANE TANK \ FARM (aka Tanks 254, 255, 256, 257, 258, 259, 260, 261, 339, 340, 345, 361)			2004						2005				N		
RFTS	0082		904PAD \ LL MIXED WASTE \ STORAGE PAD (Tents & Cargo Containers) (Cargo Containers = RCRA Unit 15A)			2004						2005				N		
RFTS	0085		995-AB-1 \ SEWAGE TREATMENT AERATION BASIN			2005						2006				N		
RFTS	0086		995-AB-2 \ SEWAGE TREATMENT AERATION BASIN			2005						2006				N		
RFTS	0087		995-C-1 \ SEWAGE TREATMENT CLARIFIER			2005						2006				N		
RFTS	0088		995-C-2 \ SEWAGE TREATMENT CLARIFIER			2005						2006				N		
RFTS	0089		995-C-3 \ SEWAGE TREATMENT CLARIFIER			2005						2006				N		
RFTS	0090		995-C-4 \ SEWAGE TREATMENT CLARIFIER			2005						2006				N		
RFTS	0091		995-C-5 \ SEWAGE TREATMENT CLARIFIER			2005						2006				N		

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RFTS	0092		995-CCC-1 \ SEWAGE TRTMNT CHLORINE CONTACT CHAMBER	\		2005						2006				N		
RFTS	0093		995-CCC-2 \ SEWAGE TRTMNT CHLORINE CONTACT CHAMBER	\		2005						2006				N		
RFTS	0094		995-UV \ ULTRAVIOLET DISINFECTION BLDG	\		2005						2006				N		
RFTS	0095		995E \ SEWAGE TREATMENT EFFLUENT TANKS (1 structure w/ 3 cells)	\		2005						2006				N		
RFTS	0096		995I \ SEWAGE TREATMENT \ INFLUENT TANKS (1 structure w/ 3 cells)	\		2005						2006				N		
RFTS	0099		FH \ FIRE HYDRANTS	\		2005						2006				N		
RFTS	0103		OPWLT \ OLD PROCESS WASTE LINES & TANKS	\		2005						2006				N		
RFTS	0105		S120 \ BUS STOP/CARPOOLSHELTER (formerly S119B)	\		2005						2006				N		
RFTS	0106		S125 \ STORAGE SHED (S of 125)	\		2004						2005				N		
RFTS	0108		S372 \ BUS STOP/CAR POOL SHELTER (S of 372A)	\		2004						2005				N		
RFTS	0109		S374 \ "BLDG 374 STORAGE" (N of 750HAZ)	\		2004						2005				N		
RFTS	0110		S443 \ 443 STEAM SHED (Eighth St)	\		2004						2005				N		

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RFTS	0111		S444 \ BUS STOP/CAR POOL \ SHELTER (N of 444)	\		2004						2005				N		
RFTS	0112		S449 \ MAINTENANCE STORAGE (NE of 439)	\		2004						2005				N		
RFTS	0113		S452 \ STORAGE (W of 452)	\		2004						2005				N		
RFTS	0114		S551 \ MATERIALS SHELTER (SE of 551)	\		2004						2005				N		
RFTS	0117		S760B \ BUS STOP/CAR POOL SHELTER	\		2004						2005				N		
RFTS	0121		S886 \ BUS STOP/CAR POOL SHELTER (N of 886)	\		1999						2001	2001			N		
RFTS	0125		T891H \ Trailer (Offices)	\		1996						1996		9/30/1996		N		
RFTS	0126		T891I \ Trailer (Offices)	\		1996						1996		9/30/1996		N		
RFTS	0127		T891J \ Trailer (Offices)	\		1996						1996		9/30/1996		N		
RFTS	0128		T891K \ Trailer (Offices)	\		1996						1996		9/30/1996		N		
RFTS	0130		T891V \ OFFICES (Formerly T690J --FY97)	\		2004						2005				N		
RFTS	0132		Tank 238 \ STP EFFLUENT SAND FILTER TANK (in 988A)	\		2005						2006				N		
RFTS	0133		Tank 239 \ STP EFFLUENT SAND FILTER TANK (in 988A)	\		2005						2006				N		
RFTS	0134		Tank 240 \ STP EFFLUENT SAND FILTER TANK (in 988A)	\		2005						2006				N		
RFTS	0135		Tent 01 \ Waste Storage	\		1996						1996		9/30/1996		N		

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## Facility Decommissioning

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RFTS	0136		Tent 10 \ PONDCRETE STORAGE ON 904 PAD (RCRA Unit 15B)	\		1999		4/1/1999				2005				N		
RFTS	0137		Tent 11 \ PONDCRETE STORAGE ON 904 PAD (RCRA Unit 15B)	\		1999		4/1/1999				2005				N		
RFTS	0183		T371G \ Trailer	\		1996						1997		9/30/1997		N		
RFTS	0184		T444A \ Trailer	\		1996						1997		9/30/1997		N		
RFTS	0185		661 \ Electrical Substation #1	\		1996						1997		9/30/1997		N		
RFTS	0186		663C \ Storage Container	\		1996						1997		9/30/1997		N		
RFTS	0187		675 \ Electrical Substation #3	\		1996						1997		9/30/1997		N		
RFTS	0188		T690A \ Trailer	\		1996						1997		9/30/1997		N		
RFTS	0189		T690B \ Trailer	\		1996						1997		9/30/1997		N		
RFTS	0190		T690D \ Trailer	\		1996						1997		9/30/1997		N		
RFTS	0191		T690E \ Trailer	\		1996						1997		9/30/1997		N		
RFTS	0192		T690F \ Trailer	\		1996						1997		9/30/1997		N		
RFTS	0193		T690G \ Trailer	\		1996						1997		9/30/1997		N		
RFTS	0194		T690H \ Trailer	\		1996						1997		9/30/1997		N		
RFTS	0195		T690K \ Trailer	\		1996						1997		9/30/1997		N		
RFTS	0196		T690L \ Trailer	\		1996						1997		9/30/1997		N		
RFTS	0197		T690M \ Trailer	\		1996						1997		9/30/1997		N		
RFTS	0201		123 \ HEALTH PHYSICS	\		1997						1998		5/31/1998		N		
RFTS	0202		123S \ HAZARDOUS WASTE STORAGE SHED	\		1997						1998		5/31/1998		N		

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HQ ID: **0351**

## Facility Decommissioning

Site Code	RSF ID	Change Flag	Description	Class/Subclass	Hazard	Plan. Assess. Year	Fore. Assess. Year	Actual Assess. Date	Plan. Deac. Year	Fore. Deac. Year	Actual Deac. Date	Plan. Comp. Year	Fore. Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
RFTS	0203		T891A \ OFFICES	\		1997						1998		10/31/1997		N		
RFTS	0204		T891L \ OFFICES	\		1997						1998		10/31/1997		N		
RFTS	0205		T891M \ OFFICES	\		1997						1998		10/31/1997		N		
RFTS	0206		T891N \ OFFICES	\		1997						1998		10/31/1997		N		
RFTS	0207		113 \ OFFICES (former GUARD POST)	\		1997						1998		5/31/1998		N		
RFTS	0208		114 \ BUS STOP/CAR POOL SHELTER (E of 123)	\		1997						1998		5/31/1998		N		
RFTS	0233		662 \ PLANT POWER WAREHOUSE & OFFICES	\		1999						2005				N		
RFTS	0234		663 \ STORAGE & SHIPPING BUILDING (JAJ)	\		2004						2005				N		
RFTS	0235		Tank 036 \ STORAGE TANK (DIESEL No. 1) (W of 663)	\		2004						2005				N		
RFTS	0236		Tank 037 \ PROPANE STORAGE TANK (OUT OF SERVICE) (W of 663)	\		2004						2005				N		
RFTS	0237		551PAD \ WASTE STORAGE PAD (RCRA Unit 18.03)	\		2004						2005				N		
RFTS	0238		750HAZ \ MAIN HAZARDOUS WASTE STORAGE FACILITY (Unit 1)	\		2004						2005				N		
RFTS	0248		T886B \ OFFICES	\		2004						2005				N		

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## Facility Decommissioning

Site Code	RSF ID	Change Flag	Description	Class/Subclass	Hazard	Plan. Assess. Year	Fore. Assess. Year	Actual Assess. Date	Plan. Deac. Year	Fore. Deac. Year	Actual Deac. Date	Plan. Comp. Year	Fore. Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
RFTS	0249		T886C \ OFFICES	\		2004						2005				N		
RFTS	0251		T891B \ OFFICES	\		2004						2005				N		
RFTS	0252		T891C \ OFFICES	\		2004						2005				N		
RFTS	0253		T891D \ OFFICES	\		2004						2005				N		
RFTS	0254		T891E \ OFFICES	\		2004						2005				N		
RFTS	0255		T891F \ OFFICES	\		2004						2005				N		
RFTS	0256		T891G \ OFFICES	\		2004						2005				N		
RFTS	0257		T891O \ OFFICES	\		2004						2005				N		
RFTS	0258		T891P \ OFFICES	\		2004						2005				N		
RFTS	0259		T891Q \ RESTROOMS	\		2004						2005				N		
RFTS	0260		T891R \ OFFICES	\		2004						2005				N		
RFTS	0261		T690C \ Trailer	\		1996						1997		9/30/1997		N		
RFTS	0263		T893A \ OFFICES	\		2004						2005				N		
RFTS	0264		T893B \ OFFICES	\		2004						2005				N		
RFTS	0308		367 \ STORAGE SHED, ROAD MTCE & SNOW REMOVAL	\		2005						2006				N		
RFTS	0309		T371A \ OFFICES	\		2005						2006				N		
RFTS	0310		T371C \ OFFICES	\		2005						2006				N		
RFTS	0311		T371D \ OFFICES	\		2005						2006				N		
RFTS	0312		T371E \ RESTROOMS	\		2005						2006				N		
RFTS	0313		T371F \ OFFICES	\		2005						2006				N		

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RFTS	0314		111 \ GENERAL STAFF ADMINISTRATION	\		2005						2006				N		
RFTS	0315		T111A \ OFFICES	\		2005						2006				N		
RFTS	0316		T112A \ OFFICES & EMPLOYEE STORE	\		2005						2006				N		
RFTS	0317		T112B \ OFFICES	\		2005						2006				N		
RFTS	0318		T112C \ OFFICES	\		2005						2006				N		
RFTS	0319		T115A \ OFFICES	\		2005						2006				N		
RFTS	0320		T115B \ OFFICES	\		2005						2006				N		
RFTS	0321		T115C \ OFFICES	\		2005						2006				N		
RFTS	0322		116 \ OFFICES (DOE)	\		2005						2006				N		
RFTS	0323		T117A \ OFFICES	\		2005						2006				N		
RFTS	0324		T119A \ OFFICES (DOE/CDPHE)	\		2005						2006				N		
RFTS	0325		T119B \ OFFICES	\		2005						2006				N		
RFTS	0326		T121A \ OFFICES	\		2005						2006				N		
RFTS	0344		903A \ ER DECONTAMINATION PAD (incl. SHEDS)	\		2004						2005				N		
RFTS	0345		903B \ DECON PAD SEDIMENTATION TANKS & WATER HOLDING TANKS BLDG	\		2004						2005				N		
RFTS	0346		905 \ FIELD OPERATIONS YARD (formerly Contractors Yard or CYARD, Unit 18.04)	\		2004						2005				N		

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RFTS	0347		952 \ ISOLATED TOXIC GAS STORAGE BUILDING (Unit 23)	\		2004						2005				N		
RFTS	0348		966 \ PA DECON PAD (aka 964P) (includes Tanks 337, 338, 350, 351, 353, 354, 355, 356, 357)	\		2004						2005				N		
RFTS	0350		Tank 262 \ DECONTAMINATION WATER STORAGE TANK (N of D903) (RCRA Unit 18.01)	\		2004						2005				N		
RFTS	0351		Tank 263 \ DECONTAMINATION WATER STORAGE TANK (N of D903) (RCRA Unit 18.01)	\		2004						2005				N		
RFTS	0352		Tank 264 \ DECONTAMINATION WATER STORAGE TANK (N of D903) (RCRA Unit 18.01)	\		2004						2005				N		
RFTS	0353		Tank 265 \ DECONTAMINATION WATER STORAGE TANK (N of D903) (RCRA Unit 18.01)	\		2004						2005				N		
RFTS	0354		Tank 266 \ DECONTAMINATION WATER STORAGE TANK (N of D903) (RCRA Unit 18.01)	\		2004						2005				N		
RFTS	0355		Tank 268 \ DECONTAMINATION SEDIMENT/WATER STORAGE TANK (N of D903)	\		2004						2005				N		

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			(RCRA Unit 18.01)															
RFTS	0356		Tank 346 \ DECONTAMINATION SEDIMENT/WATER STORAGE TANK (N of D903) (RCRA Unit 18.01)	\		2004						2005				N		
RFTS	0357		Tank 347 \ DECONTAMINATION WATER STORAGE TANK (S of D903) (RCRA Unit 18.01)	\		2004						2005				N		
RFTS	0358		Tank 348 \ DECONTAMINATION SEDIMENT/WATER STORAGE TANK (N of D903) (RCRA Unit 18.01)	\		2004						2005				N		
RFTS	0359		Tank 349 \ STORAGE TANK (DIESEL) (S of D903)	\		2004						2005				N		
RFTS	0360		223 \ NITROGEN SUPPLY FACILITY, INCL. STORAGE TANKS (Tanks 233, 234)	\		2005						2006				N		
RFTS	0361		223A \ ERM STORAGE FACILITY (NE of 549)	\		2005						2006				N		
RFTS	0362		552 \ BOTTLED GAS STORAGE BUILDING	\		2005						2006				N		
RFTS	0363		Tank 017 \ MOLECULAR SIEVE ABSORBER TANK (E of 223)	\		2005						2006				N		
RFTS	0364		Tank 022 \ MOLECULAR SIEVE ABSORBER TANK (E of 223)	\		2005						2006				N		

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RFTS	0384		122S \ PAPER SHREDDER/UTILITIES SHED	\		2004						2005				N		
RFTS	0385		126 \ SOURCE STORAGE	\		2004						2005				N		
RFTS	0386		441 \ OFFICES	\		2004						2005				N		
RFTS	0387		T441A \ OFFICES	\		2004						2005				N		
RFTS	0388		Tank 079 \ LIQUID NITROGEN STORAGE TANK (E of 125)	\		2004						2005				N		
RFTS	0389		Tank 080 \ LIQUID NITROGEN STORAGE TANK (S of 123)	\		1998		5/31/1998				1998		5/31/1998		N		
RFTS	0390		Tank 081 \ LIQUID NITROGEN STORAGE TANK (S of 123)	\		1998		5/31/1998				1998		5/31/1998		N		
RFTS	0391		Tank 278 \ COMPRESSED AIR TANK (S of 126)	\		2004						2005				N		
RFTS	0392		125 \ STANDARDS LABORATORY	\		2004						2005				N		
RFTS	0460		211 \ STEAM DISTRIBUTION SYSTEM	\		2004						2005				N		
RFTS	0461		240 \ STEAM CONDENSATE STORAGE TANK (aka Tank 073)	\		2004						2005				N		
RFTS	0462		443 \ HEATING PLANT	\		2004						2005				N		
RFTS	0463		710 \ STEAM VALVE HOUSE (SW of 701)	\		2004						2005				N		
RFTS	0465		Tank 025 \ STORAGE TANK	\		2004						2005				N		

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Print Date: **3/9/2000**

HQ ID: **0351**

## Facility Decommissioning

Site Code	RSF ID	Change Flag	Description	Class/Subclass	Hazard	Plan. Assess. Year	Fore. Assess. Year	Actual Assess. Date	Plan. Deac. Year	Fore. Deac. Year	Actual Deac. Date	Plan. Comp. Year	Fore. Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
			(#6 FUEL OIL) (W of 443)															
RFTS	0466		Tank 027 \ STORAGE TANK \ (#6 FUEL OIL) (W of 443)			2004						2005				N		
RFTS	0467		Tank 028 \ STORAGE TANK \ (DIESEL FUEL) (443)			2004						2005				N		
RFTS	0468		Tank 031 \ STORAGE TANK \ (DIESEL FUEL) (443)			2004						2005				N		
RFTS	0469		Tank 090 \ UNDERGROUND STORAGE TANK (DIESEL) (foamed in place) (UST 9) (SE of 443)			2004						2005				N		
RFTS	0470		Tank 091 \ UNDERGROUND STORAGE TANK (DIESEL) (foamed in place) (UST 13) (NE of 443)			2004						2005				N		
RFTS	0471		Tank 092 \ UNDERGROUND STORAGE TANK (NO 6 FUEL OIL) (out of service) (UST 10) (E of 443)			2004						2005				N		
RFTS	0472		Tank 093 \ UNDERGROUND STORAGE TANK (NO 6 FUEL OIL) (out of service) (UST 11) (E of 443)			2004						2005				N		
RFTS	0473		Tank 094 \ UNDERGROUND STORAGE TANK (NO 6 FUEL OIL) (out of service) (UST 12) (E of 443)			2004						2005				N		
RFTS	0474		Tank 095 \ UNDERGROUND STORAGE TANK (NO 6 FUEL OIL) (out of service)			2004						2005				N		

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HQ ID: **0351**

## Facility Decommissioning

Site Code	RSF ID	Change Flag	Description	Class/Subclass	Hazard	Plan. Assess. Year	Fore. Assess. Year	Actual Assess. Date	Plan. Deac. Year	Fore. Deac. Year	Actual Deac. Date	Plan. Comp. Year	Fore. Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
			(UST 65) (E of 443)															
RFTS	0475		Tank 096 \ SULFURIC ACID STORAGE TANK (E of 443)	\		2004						2005				N		
RFTS	0476		Tank 097 \ NaOH STORAGE TANK (E of 443)	\		2004						2005				N		
RFTS	0477		Tank 098 \ BOILER BLOWDOWN TANK (E of 443)	\		2004						2005				N		
RFTS	0478		TK- 9A \ ABOVEGROUND STORAGE TANK (DIESEL) (replacement for UST 9/Tank 090) (SE of 443)	\		2004						2005				N		
RFTS	0479		TK-13A \ ABOVEGROUND STORAGE TANK (DIESEL) (replacement for UST 13/Tank 091) (NE of 443)	\		2004						2005				N		
RFTS	0542		891 \ GROUND WATER TREATMENT FACILITY	\		2005						2006				N		
RFTS	0543		891-T-200 \ UNTREATED WATER STORAGE TANK (SE of 891) (aka Tank 329)	\		2005						2006				N		
RFTS	0544		891-T-201 \ INFLUENT EQUALIZATION TANK (S of 891) (aka Tank 316; aka 201T)	\		2005						2006				N		
RFTS	0545		891-T-202 \ INFLUENT EQUALIZATION TANK (S of 891) (aka Tank 315; aka 202T)	\		2005						2006				N		
RFTS	0546		891-T-203 \ ION EXCHANGE TANK (S of 891) (aka Tank	\		2005						2006				N		

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## Facility Decommissioning

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			253; aka 203T)															
RFTS	0547		891-T-204 \ CLEAN WATER TANK (S of 891) (aka Tank 317; aka 204T)	\		2005						2006				N		
RFTS	0548		891-T-205 \ TREATED GROUND WATER STORAGE TANK, (W of 981; aka Tank 322; aka 205T)	\		2005						2006				N		
RFTS	0549		891-T-206 \ TREATED GROUND WATER STORAGE TANK, (W of 981; aka Tank 321; aka 206T)	\		2005						2006				N		
RFTS	0550		891-T-207 \ TREATED GROUND WATER STORAGE TANK, (W of 981; aka Tank 320; aka 207T)	\		2005						2006				N		
RFTS	0551		T900A \ GROUND WATER TREATMENT TRAILER	\		2005						2006				N		
RFTS	0552		T900B \ GROUND WATER TREATMENT TRAILER	\		2005						2006				N		
RFTS	0553		T900E \ GROUND WATER TREATMENT TRAILER	\		2005						2006				N		
RFTS	0554		124 \ WATER TREATMENT PLANT	\		2005						2006				N		
RFTS	0555		129 \ WATER TREATMENT (RAW WATER STRAINER)	\		2005						2006				N		
RFTS	0556		206 \ DOMESTIC WATER (ON SITE)	\		2005						2006				N		

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RFTS	0557		215A \ DOMESTIC WATER STORAGE (TOWER) (aka Tank 084)	\		2005						2006				N		
RFTS	0558		215B \ DOMESTIC WATER STORAGE (aka Tank 085)	\		2005						2006				N		
RFTS	0559		216 \ RAW WATER SUPPLY & PUMP HOUSE (W of 130 trailers)	\		2005						2006				N		
RFTS	0561		Tank 087 \ UNDERGROUND CONCRETE SETTING BED (RAW WATER & SLUDGE) (E of 129)	\		2005						2006				N		
RFTS	0562		Tank 088 \ UNDERGROUND CONCRETE SETTLING BED (RAW WATER & SLUDGE) (E of 129)	\		2005						2006				N		
RFTS	0563		Tank 279 \ UNDERGROUND CONCRETE SUMP TANK (RAW WATER FROM DRYING BED) (S of 129)	\		2005						2006				N		
RFTS	0564		Tank 281 \ UNDERGROUND CONCRETE SUMP (RAW WATER) (S of 129)	\		2005						2006				N		
RFTS	0565		TK- 2A \ ABOVEGROUND STORAGE TANK (DIESEL) (replacement for UST 2/Tank 289) (S of 124)	\		2005						2006				N		
RFTS	0566		T428B \ TOOL SHED (E of 428)	\		2004						2005				N		

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RFTS	0567		442 \ HEPA FILTER TEST LABORATORY & WAREHOUSE	\		2004						2005				N		
RFTS	0568		T442A \ OFFICES	\		2004						2005				N		
RFTS	0569		452 \ OFFICES	\		2004						2005				N		
RFTS	0570		T452A \ OFFICES	\		2004						2005				N		
RFTS	0571		T452B \ OFFICES	\		2004						2005				N		
RFTS	0572		T452C \ OFFICES	\		2004						2005				N		
RFTS	0573		T452D \ OFFICES	\		2004						2005				N		
RFTS	0574		T452E \ RESTROOMS	\		2004						2005				N		
RFTS	0575		T452F \ OFFICES	\		2004						2005				N		
RFTS	0576		T452G \ RESPIRATOR FIT FACILITY	\		2004						2005				N		
RFTS	0579		119 \ SECURITY REPAIR & FITNESS	\		2005						2006				N		
RFTS	0580		121 \ SECURITY COMMAND CENTER	\		2005						2006				N		
RFTS	0581		127 \ EMERGENCY GENERATOR BUILDING (121 and 115)	\		2005						2006				N		
RFTS	0582		128 \ VEHICLE SHELTER, PLANT PROTECTION	\		2005						2006				N		
RFTS	0583		864 \ GUARD POST (out of service)	\		2005						2006				N		
RFTS	0584		987 \ STORAGE VAULT - PLANT PROTECTION	\		2005						2006				N		

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RFTS	0585		993 \ SECURITY STORAGE	\		2005						2006				N		
RFTS	0586		Tank 288 \ ABANDONED STORAGE TANK (DIESEL BLEND) (foamed in place) (UST 3) (W of 127)	\		2005						2006				N		
RFTS	0587		TK- 3A \ ABOVEGROUND STORAGE TANK (DIESEL BLEND) (replacement for UST 3/Tank 288) (S of 127)	\		2005						2006				N		
RFTS	0588		231 \ PROCESS WASTE HOLDING TANK PUMP HOUSE (aka PS-231) (RCRA Unit 40)	\		2005						2006				N		
RFTS	0589		231A \ PROCESS WASTE HOLDING TANK (aka Tank 241) (RCRA Unit 43)	\		2005						2006				N		
RFTS	0590		231B \ PROCESS WASTE HOLDING TANK (aka Tank 242) (RCRA Unit 43)	\		2005						2006				N		
RFTS	0591		428 \ WASTE COLLECTION TANK AND PUMP HOUSE (Unit 40) (aka Process Waste Pump Station 1)	\		2005						2006				N		
RFTS	0592		429 \ UNDERGROUND PROCESS WASTE PIT (441) (UST 36) (aka Tank 077; aka T-3, see also Tank 076)	\		2005						2006				N		
RFTS	0594		Tank 076 \ PROCESS WASTE TANK, STEEL (441) (aka T-3, see also Bldg 429/Tank 077)	\		2005						2006				N		

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## Facility Decommissioning

Site Code	RSF ID	Change Flag	Description	Class/Subclass	Hazard	Plan. Assess. Year	Fore. Assess. Year	Actual Assess. Date	Plan. Deac. Year	Fore. Deac. Year	Actual Deac. Date	Plan. Comp. Year	Fore. Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
RFTS	0595		Tank, no AQI # \ UNDERGROUND PROCESS WASTE TANK, CONCRETE (441) (aka T-2)	\		2005						2006				N		
RFTS	0596		VV 011 \ PROCESS WASTE VALVE VAULT (E of 549)	\		2005						2006				N		
RFTS	0597		VV 012 \ PROCESS WASTE VALVE VAULT (SE of 231)	\		2005						2006				N		
RFTS	0598		VV 013 \ PROCESS WASTE VALVE VAULT (W of 231)	\		2005						2006				N		
RFTS	0599		VV 014 \ PROCESS WASTE VALVE VAULT (S of 372A)	\		2005						2006				N		
RFTS	0600		VV 015 \ PROCESS WASTE VALVE VAULT (W of 334)	\		2005						2006				N		
RFTS	0601		VV 016 \ PROCESS WASTE VALVE VAULT (E of 443)	\		2005						2006				N		
RFTS	0602		VV 017 \ PROCESS WASTE VALVE VAULT (SE of 443)	\		2005						2006				N		
RFTS	0603		VV 018 \ PROCESS WASTE VALVE VAULT (S of 123)	\		2005						2006				N		
RFTS	0604		VV 019 \ PROCESS WASTE VALVE VAULT (SW of 452)	\		2005						2006				N		
RFTS	0605		VV 020 \ PROCESS WASTE VALVE VAULT (W of 452)	\		2005						2006				N		
RFTS	0606		112 \ TELECOM CENTER & OFFICES	\		2004						2005				N		
RFTS	0607		115 \ OFFICES & EOC	\		2004						2005				N		

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## Facility Decommissioning

Site Code	RSF ID	Change Flag	Description	Class/Subclass	Hazard	Plan. Assess. Year	Fore. Assess. Year	Actual Assess. Date	Plan. Deac. Year	Fore. Deac. Year	Actual Deac. Date	Plan. Comp. Year	Fore. Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
RFTS	0608		122 \ MEDICAL/OCCUPATIONAL HEALTH	\		2004						2005				N		
RFTS	0609		T122A \ MOBILE DECONTAMINATION SYSTEM TRAILER (S of 122)	\		2004						2005				N		
RFTS	0610		220 \ TELEPHONE & COMMUNICATION SYSTEM	\		2004						2005				N		
RFTS	0611		222 \ DATA LINE SYSTEM	\		2004						2005				N		
RFTS	0612		Tank 280 \ LIQUID NITROGEN STORAGE TANK (E of 122)	\		2004						2005				N		
RFTS	0613		850 \ OFFICES	\		2005						2006				N		
RFTS	0614		T690N \ OFFICES	\		2004						2005				N		
RFTS	0693		301 \ AMBIENT AIR MONITORING STATION (N of Central Ave, W of Gate 10)	\		2005						2006				N		
RFTS	0694		S-xxx \ RADIOLOGICAL AMBIENT AIR MONITORING NETWORK (24 onsite locations, 13 at perimeter, 4 in surrounding communities)	\		2005						2006				N		
RFTS	0695		427 \ EMERGENCY GENERATOR BUILDING (444)	\		2004						2005				N		
RFTS	0696		427A \ FUEL STORAGE TANK (DIESEL) (aka Tank 068)	\		2004						2005				N		

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## Facility Decommissioning

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RFTS	0697		449 \ OIL & PAINT STORAGE \			2004						2005				N		
RFTS	0698		453 \ OIL STORAGE \			2004						2005				N		
RFTS	0702		Tank 064 \ PROPANE STORAGE TANK (W of T439A)	\		2004						2005				N		
RFTS	0703		Tank 066 \ LIQUID NITROGEN STORAGE TANK (E of 444)	\		2004						2005				N		
RFTS	0704		Tank 067 \ LIQUID NITROGEN STORAGE TANK (S of 444)	\		2004						2005				N		
RFTS	0705		Tank 069 \ LIQUID ARGON STORAGE TANK (E of 444)	\		2004						2005				N		
RFTS	0706		Tank 070 \ LIQUID NITROGEN STORAGE TANK (N of 444)	\		2004						2005				N		
RFTS	0707		T124A \ OFFICES (DOE)	\		2005						2006				N		
RFTS	0708		Tank 057 \ LIQUID NITROGEN STORAGE TANK (N of 460)	\		2005						2006				N		
RFTS	0709		Tank 058 \ DRIOX ARGON STORAGE TANK (S of 460)	\		2005						2006				N		
RFTS	0710		Tank 059 \ LIQUID NITROGEN STORAGE TANK (S of 460)	\		2005						2006				N		
RFTS	0711		Tank 289 \ UNDERGROUND STORAGE TANK (DIESEL BLEND) (foamed in place)	\		2005						2006				N		

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Site Code	RSF ID	Change Flag	Description	Class/Subclass	Hazard	Plan. Assess. Year	Fore. Assess. Year	Actual Assess. Date	Plan. Deac. Year	Fore. Deac. Year	Actual Deac. Date	Plan. Comp. Year	Fore. Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
			(UST 2) (S of 124)															
RFTS	0712		Tank 365 \ CHEMICAL WASTE STORAGE TANK (S of 460)	\		2005						2006				N		
RFTS	0713		Tank 366 \ CHEMICAL WASTE STORAGE TANK (S of 460)	\		2005						2006				N		
RFTS	0714		444 \ MANUFACTURING BUILDING	\		2004						2005				N		
RFTS	0715		445 \ CARBON STORAGE	\		2004						2005				N		
RFTS	0716		447 \ MANUFACTURING BUILDING	\		2004						2005				N		
RFTS	0717		448 \ U MATERIAL STORAGE	\		2004						2005				N		
RFTS	0718		450 \ FILTER PLENUM BUILDING (444)	\		2004						2005				N		
RFTS	0719		451 \ FILTER PLENUM BUILDING (447)	\		2004						2005				N		
RFTS	0720		454 \ COOLING TOWER (444)	\		2004						2005				N		
RFTS	0721		455 \ FILTER PLENUM BUILDING (444 PLATING LAB)	\		2004						2005				N		
RFTS	0722		457 \ COOLING TOWER (447)	\		2004						2005				N		
RFTS	0723		460 \ OFFICES (former CONSOLIDATED NON-NUC. MFG BLDG.)	\		2005						2006				N		
RFTS	0724		462 \ COOLING TOWER (460)	\		2005						2006				N		
RFTS	0725		208 \ SANITARY SEWER	\		2005						2006				N		

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			SYSTEM															
RFTS	0726		209 \ STORM DRAINAGE SYSTEM	\		2005						2006				N		
RFTS	0727		971 \ SLUDGE DRYING BED	\		2005						2006				N		
RFTS	0728		972 \ SLUDGE DRYING BED	\		2005						2006				N		
RFTS	0729		973 \ SLUDGE DRYING BED	\		2005						2006				N		
RFTS	0730		974 \ SLUDGE DRYING BED	\		2005						2006				N		
RFTS	0731		T974A \ TREATMENT TRAILER	\		2005						2006				N		
RFTS	0732		975 \ SLUDGE DRYING BED	\		2005						2006				N		
RFTS	0733		976 \ SLUDGE DRYING BED	\		2005						2006				N		
RFTS	0734		977 \ SLUDGE DRYING BED	\		2005						2006				N		
RFTS	0735		988 \ TERTIARY TREATMENT PUMP HOUSE	\		2005						2006				N		
RFTS	0736		990 \ PRE-AERATION BUILDING	\		2005						2006				N		
RFTS	0737		990A \ WASTE WATER TREATMENT	\		2005						2006				N		
RFTS	0738		995 \ SEWAGE TREATMENT FACILITY	\		2005						2006				N		
RFTS	0773		210 \ NATURAL GAS DISTRIBUTION SYSTEM	\		2005						2006				N		
RFTS	0774		869 \ NATURAL GAS METER HOUSE	\		2005						2006				N		
RFTS	0775		Tank 030 \ UNDERGROUND	\		2005						2006				N		

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## Facility Decommissioning

Site Code	RSF ID	Change Flag	Description	Class/Subclass	Hazard	Plan. Assess. Year	Fore. Assess. Year	Actual Assess. Date	Plan. Deac. Year	Fore. Deac. Year	Actual Deac. Date	Plan. Comp. Year	Fore. Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
			PRESSURE TANK (CONDENSATE OILS OF NAT. GAS LINE) (S of 869)															
RFTS	0809		T760A \ SHOWER TRAILER (PONDCRETE)	\		2004						2005				N		
RFTS	0814		T904A \ BREAK TRAILER (PONDCRETE)	\		2004						2005				N		
RFTS	0815		906 \ CENTRAL WASTE STORAGE FACILITY	\		2004						2005				N		
RFTS	0816		Tent 7 \ PONDCRETE STORAGE ON 902 PAD (RCRA Unit 15B)	\		1999						2005				N		
RFTS	0817		Tent 8 \ PONDCRETE STORAGE ON 904 PAD (RCRA Unit 15B)	\		1999						2005				N		
RFTS	0818		Tent 9 \ PONDCRETE STORAGE ON 904 PAD (RCRA Unit 15B)	\		1999						2005				N		
RFTS	0821		Tank 237 \ PROPANE STORAGE TANK (W of T760A)	\		2004						2005				N		
RFTS	0822		Tank 269 \ DECONTAMINATION WATER STORAGE TANK (S of T893A)	\		2004						2005				N		
RFTS	0823		Tank 271 \ DECONTAMINATION WATER STORAGE TANK (S of T893A)	\		2004						2005				N		

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Print Date: **3/9/2000**

HQ ID: **0351**

## Facility Decommissioning

Site Code	RSF ID	Change Flag	Description	Class/Subclass	Hazard	Plan. Assess. Year	Fore. Assess. Year	Actual Assess. Date	Plan. Deac. Year	Fore. Deac. Year	Actual Deac. Date	Plan. Comp. Year	Fore. Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
RFTS	0824		Tank 272 \ DECONTAMINATION WATER STORAGE TANK (S of T893A)	\		2004						2005				N		
RFTS	0825		Tank 273 \ DECONTAMINATION WATER STORAGE TANK (S of T893A)	\		2004						2005				N		
RFTS	0826		Tank 274 \ DECONTAMINATION SEDIMENT/WATER STORAGE TANK (S of T893A)	\		2004						2005				N		
RFTS	0827		Tank 275 \ DECONTAMINATION SEDIMENT/WATER STORAGE TANK (S of T893A)	\		2004						2005				N		
RFTS	0828		Tank 359 \ WASTE WATER STORAGE TANK (OU2)	\		2004						2005				N		
RFTS	0829		Tank 360 \ WASTE WATER STORAGE TANK (OU2)	\		2004						2005				N		
RFTS	0830		Tank 364 \ DECONTAMINATION WATER STORAGE TANK (S of T893A)	\		2004						2005				N		
RFTS	0831		664 \ WASTE STORAGE & SHIP FACIL- PACKAGED WASTE (Unit 20)	\		2004						2005				N		
RFTS	0832		C664 \ WASTE STORAGE YARD	\		2004						2005				N		

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Print Date: **3/9/2000**

HQ ID: **0351**

## Facility Decommissioning

Site Code	RSF ID	Change Flag	Description	Class/Subclass	Hazard	Plan. Assess. Year	Fore. Assess. Year	Actual Assess. Date	Plan. Deac. Year	Fore. Deac. Year	Actual Deac. Date	Plan. Comp. Year	Fore. Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
RFTS	0833		T664A \ OFFICES	\		2004						2005				N		
RFTS	0834		666 \ TSCA STORAGE BUILDING	\		2004						2005				N		
RFTS	0835		668 \ DRUM STORAGE & CERTIFICATION BUILDING	\		2004						2005				N		
RFTS	0836		439 \ MOD CENTER MACHINE SHOP	\		2004						2005				N		
RFTS	0837		T439A \ OFFICES (N of 439)	\		2004						2005				N		
RFTS	0838		T439D \ OFFICES (W of 439)	\		2004						2005				N		
RFTS	0839		440 \ WASTE STORAGE & REPACKAGING (former MODIFICATION CENTER)	\		2004						2005				N		
RFTS	0867		212 \ ELECTRICAL DISTRIBUTION SYSTEM	\		2005						2006				N		
RFTS	0868		214 \ FENCE & STREET LIGHTING	\		2005						2006				N		
RFTS	0869		679 \ ELECTRICAL SUBSTATION	\		2005						2006				N		
RFTS	0870		680 \ ELECTRICAL SUBSTATION	\		2005						2006				N		
RFTS	0871		681 \ ELECTRICAL SUBSTATION BUILDING	\		2005						2006				N		
RFTS	0872		331 \ GARAGE & FIRE STATION	\		2004						2005				N		
RFTS	0873		331A \ STORAGE (N of 335)	\		2004						2005				N		
RFTS	0874		331S \ STORAGE SHED	\		2004						2005				N		

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## Facility Decommissioning

Site Code	RSF ID	Change Flag	Description	Class/Subclass	Hazard	Plan. Assess. Year	Fore. Assess. Year	Actual Assess. Date	Plan. Deac. Year	Fore. Deac. Year	Actual Deac. Date	Plan. Comp. Year	Fore. Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
RFTS	0875		C331 \ STORAGE (N of 331)	\		2004						2005				N		
RFTS	0876		T331A \ TRAILER (BARRACKS)	\		2004						2005				N		
RFTS	0877		335 \ FIRE TRAINING BLDG.	\		2004						2005				N		
RFTS	0879		Tank 100 \ PROPANE STORAGE TANK (N of 331S)	\		2004						2005				N		
RFTS	0880		Tank 101 \ ABANDONED STORAGE TANK (DIESEL BLEND) (UST 5) (foamed in place) (N of 331,N-1A)	\		2004						2005				N		
RFTS	0881		Tank 102 \ ABANDONED STORAGE TANK (DIESEL BLEND) (foamed in place) (UST 6) (N of 331, N-1)	\		2004						2005				N		
RFTS	0882		Tank 103 \ ABANDONED STORAGE TANK (GASOLINE) (foamed in place) (UST 8) (N of 331,N-3)	\		2004						2005				N		
RFTS	0883		Tank 104 \ ABANDONED STORAGE TANK (GASOLINE) (foamed in place) (UST 7) (N of 331,N-2)	\		2004						2005				N		
RFTS	0884		Tank 115 \ PROPANE STORAGE TANK (N of 335)	\		2004						2005				N		
RFTS	0885		TK- 5A \ UNDERGROUND STORAGE TANK (DIESEL BLEND) (replacement for UST 5/Tank 101) (N of 331,N-1A)	\		2004						2005				N		
RFTS	0886		TK- 5B \ UNDERGROUND	\		2004						2005				N		

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## Facility Decommissioning

Site Code	RSF ID	Change Flag	Description	Class/Subclass	Hazard	Plan. Assess. Year	Fore. Assess. Year	Actual Assess. Date	Plan. Deac. Year	Fore. Deac. Year	Actual Deac. Date	Plan. Comp. Year	Fore. Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
			STORAGE TANK (DIESEL BLEND) (replacement for UST 5/Tank 101) (N of 331,N-1A)															
RFTS	0887		TK- 6A \ UNDERGROUND STORAGE TANK (DIESEL BLEND) (replacement for UST 6/Tank 102) (N of 331, N-1)	\		2004						2005				N		
RFTS	0888		TK- 7A \ UNDERGROUND STORAGE TANK (GASOLINE) (replacement for UST 7/Tank 104) (N of 331,N-2)	\		2004						2005				N		
RFTS	0889		TK- 8A \ UNDERGROUND STORAGE TANK (GASOLINE) (replacement for UST 8/Tank 103) (N of 331,N-3)	\		2004						2005				N		
RFTS	0890		333 \ PAINT SHOP & SAND BLAST FACILITY	\		2004						2005				N		
RFTS	0891		334 \ GENERAL SHOP (MAINTENANCE), OFFICES, & CREDIT UNION	\		2004						2005				N		
RFTS	0892		T334B \ OFFICES	\		2004						2005				N		
RFTS	0893		T334C \ OFFICES	\		2004						2005				N		
RFTS	0894		T334D \ OFFICES	\		2004						2005				N		
RFTS	0895		549 \ RCT SHOP & OFFICES	\		2004						2005				N		
RFTS	0896		551 \ GENERAL WAREHOUSE & CONTRACTOR SHOP	\		1999						2005				N		

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## Facility Decommissioning

Site Code	RSF ID	Change Flag	Description	Class/Subclass	Hazard	Plan. Assess. Year	Fore. Assess. Year	Actual Assess. Date	Plan. Deac. Year	Fore. Deac. Year	Actual Deac. Date	Plan. Comp. Year	Fore. Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
RFTS	0897		T551A \ OFFICES & LOCKERS (JAJ)	\		2004						2005				N		
RFTS	0898		553 \ WELDING SHOP (JAJ)	\		2004						2005				N		
RFTS	0899		554 \ STORAGE & SHIPPING DOCK BUILDING	\		2004						2005				N		
RFTS	0900		556 \ METAL CUTTING BUILDING	\		2004						2005				N		
RFTS	0902		Tank 106 \ DRIOX ARGON STORAGE TANK (NW OF 334)	\		2004						2005				N		
RFTS	0903		Tank 108 \ AIR COMPRESSOR TANK (N OF 556)	\		2004						2005				N		
RFTS	0904		Tank 109 \ LIQUID NITROGEN STORAGE TANK (W OF 552)	\		2004						2005				N		
RFTS	0905		Tank 161 \ FREON 12 ACCUMULATOR TANK (N of 549)	\		2004						2005				N		

## Technology Needs

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## Technology Needs

**Site Need Code:** RF-DD02

**Site Need Name:** High Speed, Integrated Characterization System for (1) Radioactive, (2) Hazardous, and (3) Toxic Contamination

**Focus Area Work Package ID:** DD-05

**Focus Area Work Package:** Material Recycle and Release

**Focus Area:** DDFA

**Agree with Technology Link:** Y

**Benefits (Cost, Risk Reduction, Both):**

### Technologies

### Cost Savings (in thousands of dollars)

### Range of Estimate

Three Dimensional, Integrated Characterization and Archiving System (3D-ICAS)

Three Dimensional, Integrated Characterization and Archiving System (3D-ICAS)

Three Dimensional, Integrated Characterization and Archiving System (3D-ICAS)

Gamma Ray Imaging System

Gamma Ray Imaging System

Gamma Ray Imaging System

Mobile Automated Characterization System

Mobile Automated Characterization System

Mobile Automated Characterization System

Gamma Cam (TM) Radiation Imaging System

Gamma Cam (TM) Radiation Imaging System

Gamma Cam (TM) Radiation Imaging System

Surface Contamination Monitor and Survey Information Management System (SCM/SIMS)

Surface Contamination Monitor and Survey Information Management System (SCM/SIMS)

Surface Contamination Monitor and Survey Information Management System (SCM/SIMS)

Indoor Radiation Mapping Using Laser Assisted Ranging and Data System

Indoor Radiation Mapping Using Laser Assisted Ranging and Data System

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## Technology Needs

Indoor Radiation Mapping Using Laser Assisted Ranging and Data System

In Situ Object Counting System

In Situ Object Counting System

In Situ Object Counting System

Decommissioning In-Situ Plutonium Inventory Monitor (DISPIM)

Decommissioning In-Situ Plutonium Inventory Monitor (DISPIM)

Decommissioning In-Situ Plutonium Inventory Monitor (DISPIM)

### Related CCP Milestones

### Related Waste Streams

### Agree?

### Change?

01385: ER-04 - D&D Waste (HAZ, LLW, MLLW, TRU/MTRU, Uncontam)

Y

N

01388: ER-04C - Sorted D&D TRU

Y

N

01389: ER-04D - Sorted D&D Uncontaminated to Disposal

Y

N

01387: ER-04B - Sorted D&D LLM

Y

N

01386: ER-04A - Sorted D&D LLW

Y

N

01390: ER-04E - Sorted D&D HAZ to Disposal

Y

N

01391: ER-04F - Sorted D&D to On Site Placement

Y

N

Site Need Code: RF-DD03

Site Need Name: Improved Interior Airborne Particulates Control

Focus Area Work Package ID: DD-13

Focus Area Work Package: Oversized Metallic TRU Waste Disposition

Focus Area: DDFA

Agree with Technology Link: Y

Benefits (Cost, Risk Reduction, Both):

### Technologies

### Cost Savings (in thousands of dollars)

### Range of Estimate

Reactor Surface Contamination Stabilization

Reactor Surface Contamination Stabilization

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## Technology Needs

Concrete Dust Supression System

Concrete Dust Supression System

Strippable Coatings and Fixatives

Strippable Coatings and Fixatives

### Related CCP Milestones

### Related Waste Streams

### Agree?

### Change?

01385: ER-04 - D&D Waste (HAZ, LLW, MLLW, TRU/MTRU, Uncontam)

Y

N

01388: ER-04C - Sorted D&D TRU

Y

N

01389: ER-04D - Sorted D&D Uncontaminated to Disposal

Y

N

01387: ER-04B - Sorted D&D LLM

Y

N

01386: ER-04A - Sorted D&D LLW

Y

N

01390: ER-04E - Sorted D&D HAZ to Disposal

Y

N

01391: ER-04F - Sorted D&D to On Site Placement

Y

N

Site Need Code: RF-DD04

Site Need Name: Improved Measurement Techniques for Free Release of Property and Salvageable Equipment Contaminated with Radionuclides

Focus Area Work Package ID: DD-05

Focus Area Work Package: Material Recycle and Release

Focus Area: DDFA

Agree with Technology Link: Y

Benefits (Cost, Risk Reduction, Both):

### Technologies

### Cost Savings (in thousands of dollars)

### Range of Estimate

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## Technology Needs

### Related CCP Milestones

### Related Waste Streams

### Agree?

### Change?

01385: ER-04 - D&D Waste (HAZ, LLW, MLLW, TRU/MTRU, Uncontam)  
01388: ER-04C - Sorted D&D TRU  
01389: ER-04D - Sorted D&D Uncontaminated to Disposal  
01387: ER-04B - Sorted D&D LLM  
01386: ER-04A - Sorted D&D LLW  
01390: ER-04E - Sorted D&D HAZ to Disposal  
01391: ER-04F - Sorted D&D to On Site Placement

Y N  
Y N  
Y N  
Y N  
Y N  
Y N  
Y N

Site Need Code: RF-DD08

Site Need Name: Improved Worker Protection Clothing and Systems

Focus Area Work Package ID: DD-13

Focus Area Work Package: Oversized Metallic TRU Waste Disposition

Focus Area: DDFA

Agree with Technology Link: Y

Benefits (Cost, Risk Reduction, Both):

### Technologies

### Cost Savings (in thousands of dollars)

### Range of Estimate

FRHAM-TEX Anti Contamination Suit  
FRHAM-TEX Anti Contamination Suit  
NuFab Anti Contamination Suit  
NuFab Anti Contamination Suit  
Personal Ice Cooling System (PICS)  
Personal Ice Cooling System (PICS)  
Sealed-Seam Sack Suit  
Sealed-Seam Sack Suit  
Wireless Remote Monitoring System

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## Technology Needs

Wireless Remote Monitoring System

### Related CCP Milestones

### Related Waste Streams

### Agree?

### Change?

01385: ER-04 - D&D Waste (HAZ, LLW, MLLW, TRU/MTRU, Uncontam)

Y

N

01388: ER-04C - Sorted D&D TRU

Y

N

01389: ER-04D - Sorted D&D Uncontaminated to Disposal

Y

N

01387: ER-04B - Sorted D&D LLM

Y

N

01386: ER-04A - Sorted D&D LLW

Y

N

01390: ER-04E - Sorted D&D HAZ to Disposal

Y

N

01391: ER-04F - Sorted D&D to On Site Placement

Y

N

**Site Need Code:** RF-DD09

**Site Need Name:** Improved Decontamination of Porous Surfaces in Preparation for Building Demolition

**Focus Area Work Package ID:** DD-05

**Focus Area Work Package:** Material Recycle and Release

**Focus Area:** DDFA

**Agree with Technology Link:** Y

**Benefits (Cost, Risk Reduction, Both):**

### Technologies

### Cost Savings (in thousands of dollars)

### Range of Estimate

Biodegradation of Concrete

Biodegradation of Concrete

Biodegradation of Concrete

2-D Linear Motion System

2-D Linear Motion System

2-D Linear Motion System

Rotary Peening with Captive Shot

Rotary Peening with Captive Shot

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## Technology Needs

Rotary Peening with Captive Shot

Centrifugal Shot Blast System

Centrifugal Shot Blast System

Centrifugal Shot Blast System

Concrete Shaver

Concrete Shaver

Concrete Shaver

Remotely Operated Scabbling

Remotely Operated Scabbling

Remotely Operated Scabbling

## Related CCP Milestones

## Related Waste Streams

## Agree?

## Change?

01385: ER-04 - D&D Waste (HAZ, LLW, MLLW, TRU/MTRU, Uncontam)

Y

N

01388: ER-04C - Sorted D&D TRU

Y

N

01389: ER-04D - Sorted D&D Uncontaminated to Disposal

Y

N

01387: ER-04B - Sorted D&D LLM

Y

N

01386: ER-04A - Sorted D&D LLW

Y

N

01390: ER-04E - Sorted D&D HAZ to Disposal

Y

N

01391: ER-04F - Sorted D&D to On Site Placement

Y

N

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## Technology Needs

**Site Need Code:** RF-DD10

**Site Need Name:** Improved Decontamination of Non-Porous Building Property and Structures

**Focus Area Work Package ID:** DD-12

**Focus Area Work Package:** D&D of Weapons Components Fabrication Facilities

**Focus Area:** DDFA

**Agree with Technology Link:** Y

**Benefits (Cost, Risk Reduction, Both):**

### Technologies

### Cost Savings (in thousands of dollars)

### Range of Estimate

Laser Surface Cleaning

Laser Surface Cleaning

Laser Surface Cleaning

CORPEX Nuclear Decontamination Process

CORPEX Nuclear Decontamination Process

CORPEX Nuclear Decontamination Process

Soda Blasting Decontamination Process

Soda Blasting Decontamination Process

Soda Blasting Decontamination Process

Laser Decontamination and Recycle of Metals

Laser Decontamination and Recycle of Metals

Laser Decontamination and Recycle of Metals

Removal of Contaminants from Equipment and Debris, and Waste Minimization Using TECHXTRACT

Removal of Contaminants from Equipment and Debris, and Waste Minimization Using TECHXTRACT

Removal of Contaminants from Equipment and Debris, and Waste Minimization Using TECHXTRACT

Portable Concentrator for Processing Plutonium Contaminated Solutions

Portable Concentrator for Processing Plutonium Contaminated Solutions

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## Technology Needs

Portable Concentrator for Processing Plutonium Contaminated Solutions

Steam Vacuum Cleaning

Steam Vacuum Cleaning

Steam Vacuum Cleaning

Soft Media Blast Cleaning

Soft Media Blast Cleaning

Soft Media Blast Cleaning

Advanced Recyclable Media System

Advanced Recyclable Media System

Advanced Recyclable Media System

Decontamination and Volume Reduction System (DVRS)

Decontamination and Volume Reduction System (DVRS)

Decontamination and Volume Reduction System (DVRS)

## Related CCP Milestones

### Related Waste Streams

### Agree?

### Change?

01385: ER-04 - D&D Waste (HAZ, LLW, MLLW, TRU/MTRU, Uncontam)

Y

N

01388: ER-04C - Sorted D&D TRU

Y

N

01389: ER-04D - Sorted D&D Uncontaminated to Disposal

Y

N

01387: ER-04B - Sorted D&D LLM

Y

N

01386: ER-04A - Sorted D&D LLW

Y

N

01390: ER-04E - Sorted D&D HAZ to Disposal

Y

N

01391: ER-04F - Sorted D&D to On Site Placement

Y

N

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## Technology Needs

Site Need Code: RF-DD11

Site Need Name: Improved Size Reduction of Contaminated Equipment and Demolition Waste

Focus Area Work Package ID: NMFA-03

Focus Area Work Package: Untitled (pending title by FA)

Focus Area: PLUTOFA

Agree with Technology Link: Y

Benefits (Cost, Risk Reduction, Both): Both

### Technologies

### Cost Savings (in thousands of dollars)

### Range of Estimate

Laser Cutting and Size Reduction

Laser Cutting and Size Reduction

Laser Cutting and Size Reduction

High Speed Clamshell Pipe Cutter

High Speed Clamshell Pipe Cutter

High Speed Clamshell Pipe Cutter

Oxy-Gasoline Torch

Oxy-Gasoline Torch

Oxy-Gasoline Torch

Self Contained Pipe Cutting Shear

Self Contained Pipe Cutting Shear

Self Contained Pipe Cutting Shear

Decontamination and Volume Reduction System (DVRS)

Decontamination and Volume Reduction System (DVRS)

Decontamination and Volume Reduction System (DVRS)

Hand Held Shear

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# Project Baseline Summary Report

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Operations/Field Office: **Rocky Flats**

Site Summary Level: **Rocky Flats Environmental Technology Site**

Project **RF014 / Industrial Zone Closure Project**

Report Number: **GEN-01b**

Print Date: **3/9/2000**

HQ ID: **0351**

## Technology Needs

Hand Held Shear

Hand Held Shear

Innovative Size Reduction Nibblers

Innovative Size Reduction Nibblers

Innovative Size Reduction Nibblers

Innovative Size Reduction Shears

Innovative Size Reduction Shears

Innovative Size Reduction Shears

### Related CCP Milestones

### Related Waste Streams

### Agree?

### Change?

01388: ER-04C - Sorted D&D TRU

Y

N

01389: ER-04D - Sorted D&D Uncontaminated to Disposal

Y

N

01387: ER-04B - Sorted D&D LLM

Y

N

01386: ER-04A - Sorted D&D LLW

Y

N

01390: ER-04E - Sorted D&D HAZ to Disposal

Y

N

01391: ER-04F - Sorted D&D to On Site Placement

Y

N

01385: ER-04 - D&D Waste (HAZ, LLW, MLLW, TRU/MTRU, Uncontam)

Y

N

Site Need Code: RF-DD15

Site Need Name: Real-Time Beryllium Surface Characterization

Focus Area Work Package ID: DD-12

Focus Area Work Package: D&D of Weapons Components Fabrication Facilities

Focus Area: DDFA

Agree with Technology Link: Y

Benefits (Cost, Risk Reduction, Both):

### Technologies

### Cost Savings (in thousands of dollars)

### Range of Estimate

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Print Date: **3/9/2000**

HQ ID: **0351**

## Technology Needs

### Related CCP Milestones

### Related Waste Streams

### Agree?

### Change?

01385: ER-04 - D&D Waste (HAZ, LLW, MLLW, TRU/MTRU, Uncontam)

Y

N

01388: ER-04C - Sorted D&D TRU

Y

N

01389: ER-04D - Sorted D&D Uncontaminated to Disposal

Y

N

01387: ER-04B - Sorted D&D LLM

Y

N

01386: ER-04A - Sorted D&D LLW

Y

N

01390: ER-04E - Sorted D&D HAZ to Disposal

Y

N

01391: ER-04F - Sorted D&D to On Site Placement

Y

N

Site Need Code: RF-DD16

Site Need Name: Real-Time Beryllium Air Monitoring

Focus Area Work Package ID: DD-12

Focus Area Work Package: D&D of Weapons Components Fabrication Facilities

Focus Area: DDFA

Agree with Technology Link: Y

Benefits (Cost, Risk Reduction, Both):

Technologies

Cost Savings (in thousands of dollars)

Range of Estimate

# Project Baseline Summary Report

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Print Date: **3/9/2000**

HQ ID: **0351**

## Technology Needs

### Related CCP Milestones

### Related Waste Streams

### Agree?

### Change?

01385: ER-04 - D&D Waste (HAZ, LLW, MLLW, TRU/MTRU, Uncontam)

Y

N

01388: ER-04C - Sorted D&D TRU

Y

N

01389: ER-04D - Sorted D&D Uncontaminated to Disposal

Y

N

01387: ER-04B - Sorted D&D LLM

Y

N

01386: ER-04A - Sorted D&D LLW

Y

N

01390: ER-04E - Sorted D&D HAZ to Disposal

Y

N

01391: ER-04F - Sorted D&D to On Site Placement

Y

N

Site Need Code: RF-IF01

Site Need Name: Improved Computer-Based Training Platforms

Focus Area Work Package ID:

Focus Area Work Package:

Focus Area:

Agree with Technology Link: Y

Benefits (Cost, Risk Reduction, Both):

### Technologies

### Cost Savings (in thousands of dollars)

### Range of Estimate

Site Need Code: RF-ER14

Site Need Name: Characterization/Detection/Verification of Non-Aqueous Phase Liquids (NAPLs)

Focus Area Work Package ID: SS-01

Focus Area Work Package: Characterization, Monitoring, Modeling and Analysis

Focus Area: SCFA

Agree with Technology Link: Y

Benefits (Cost, Risk Reduction, Both):

### Technologies

### Cost Savings (in thousands of dollars)

### Range of Estimate

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## Technology Needs

**Site Need Code:** RF-ER15

**Site Need Name:** Improved Statistical Methods for Sampling and Monitoring Plans and Data Analysis

**Focus Area Work Package ID:** SS-01

**Focus Area Work Package:** Characterization, Monitoring, Modeling and Analysis

**Focus Area:** SCFA

**Agree with Technology Link:** Y

**Benefits (Cost, Risk Reduction, Both):**

Technologies

Cost Savings (in thousands of dollars)

Range of Estimate

Related CCP Milestones

Related Waste Streams

Agree?

Change?

01380: ER-03 - Soil

Y

N

01384: ER-03B - Soil to LL

Y

N

01376: ER-02 - Groundwater

Y

N

**Site Need Code:** RF-ER02

**Site Need Name:** Treatment Technology for Groundwater Contaminated with Chlorinated Organics in the Industrial Area

**Focus Area Work Package ID:** SS-08

**Focus Area Work Package:** Saturated Zone Treatment Systems

**Focus Area:** SCFA

**Agree with Technology Link:** Y

**Benefits (Cost, Risk Reduction, Both):**

Technologies

Cost Savings (in thousands of dollars)

Range of Estimate

Related CCP Milestones

Related Waste Streams

Agree?

Change?

01376: ER-02 - Groundwater

Y

N

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## Technology Needs

Site Need Code: RF-WM12

Site Need Name: Bulk Debris Characterization Techniques

Focus Area Work Package ID: MW-01

Focus Area Work Package: Nondestructive Characterization for Treatment, Transportation, and Disposal of MLL and MTRU Waste.

Focus Area: MWFA

Agree with Technology Link: Y

Benefits (Cost, Risk Reduction, Both):

Technologies

Cost Savings (in thousands of dollars)

Range of Estimate

## Related CCP Milestones

### Related Waste Streams

Agree?

Change?

01385: ER-04 - D&D Waste (HAZ, LLW, MLLW, TRU/MTRU, Uncontam)

Y

N

Site Need Code: RF-ER06

Site Need Name: Improved Methods for Sampling and Characterization Beneath Large Building Foundations

Focus Area Work Package ID: SS-01

Focus Area Work Package: Characterization, Monitoring, Modeling and Analysis

Focus Area: SCFA

Agree with Technology Link: Y

Benefits (Cost, Risk Reduction, Both): Both

Technologies

Cost Savings (in thousands of dollars)

Range of Estimate

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## Technology Needs

Site Need Code: RF-ER09

Site Need Name: Treatment Alternative for Surface Soil Contaminated with Plutonium and other Radionuclides

Focus Area Work Package ID: SS-03

Focus Area Work Package: Stabilization Technologies

Focus Area: SCFA

Agree with Technology Link: Y

Benefits (Cost, Risk Reduction, Both): Both

Technologies

Cost Savings (in thousands of dollars)

Range of Estimate

Site Need Code: RF-ER16

Site Need Name: Identification of Field Screening Technologies for the Characterization of Potential Leaks in Subsurface Piping Runs

Focus Area Work Package ID: SS-01

Focus Area Work Package: Characterization, Monitoring, Modeling and Analysis

Focus Area: SCFA

Agree with Technology Link: Y

Benefits (Cost, Risk Reduction, Both): Both

Technologies

Cost Savings (in thousands of dollars)

Range of Estimate

## Technology Deployments

Deployment Year

Deployment Status

Planned

Forecast

Actual Date

Technology Name: Decision Support System to Select Landfill Cover System

Potential Deployment

2000

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HQ ID: **0351**

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## Technology Deployments

<u>Deployment Status</u>	Deployment Year		
	<u>Planned</u>	<u>Forecast</u>	<u>Actual Date</u>
<b>Technology Name:</b>	Underground piping leak detection technologies		
Potential Deployment	2000		